



# TrustLink™

**Rugged reliability - excellent performance**



Subsea connectivity solutions



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# TrustLink™ Power/Signal



## Versatile power and signal connectors for challenging marine and subsea environments

TrustLink Power/Signal connectors ensure transmission of electrical power and signals in subsea systems, where reliability is paramount. The series is available in three standardised shell sizes (A, B, and C) to fit a wide range of equipment and installation footprints.

The connector's housing and locking sleeve are available in standard materials such as stainless steel, aluminium bronze, and titanium. Titanium ensures enhanced corrosion resistance and extended service life. The modular design supports a wide range of high-density contact configurations. Interchangeable male/female inserts help ensure a safe configuration for each installation, while the anti-seizing surface finish ensures dependable handling in demanding conditions.

TrustLink Power/Signal connectors are rated for pressures up to 600 bar (8,700 psi) and currents of up to 25 A. They are tested to EN 60664-1 and EN 50393-Table 5 standards.

All connectors are terminated by MacArtney and supported globally.

■ Latest revision  
■ available online



### Applications

- ROVs, AUVs, and trenchers
- Naval systems and equipment
- Oceanographic instruments and subsea nodes
- Seismic and survey systems
- Underwater cameras, video, and lighting
- Offshore oil & gas and renewable energy systems
- Power supply for underwater pumps
- Harsh environment monitoring and telemetry

### Options

- Booted versions
- Pressure Balanced, Oil-Filled (PBOF)
- Back pressure rated to 600 bar
- Custom materials on request

## Specifications - Power/Signal - size A

### Electrical

	4 contacts	8 contacts	12 contacts
Contact size:	14 AWG	18 AWG	20 AWG
Contact size:	2.1 mm <sup>2</sup>	0.8 mm <sup>2</sup>	0.5 mm <sup>2</sup>
Voltage rating:	600 VAC/VDC	600 VAC/VDC	250 VAC/VDC
Dielectric withstand:	4,000 VAC	4,000 VAC	2,500 VAC
Current rating up to 4 contacts loaded:	25 A	12 A	12 A
Current rating up to 10 contacts loaded:		8 A	7 A
Current rating all contacts loaded:	25 A	8 A	7 A

### Materials

Housing*:	Diamond polished AISI 316 Diamond polished Titanium G II
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000 Diamond polished AISI 316 Diamond polished Titanium G II
Pressure cap*:	Diamond polished AISI 316 Diamond polished Titanium G II
Dust cap:	POM
Electrical insert:	Glass reinforced high performance thermoplastic
O-ring:	FPM-75

### Environmental

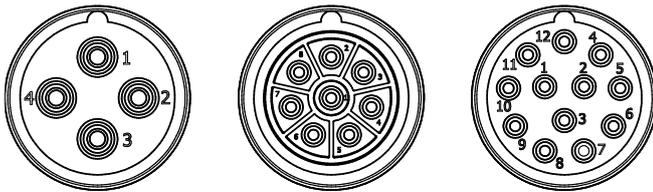
Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

### Standards

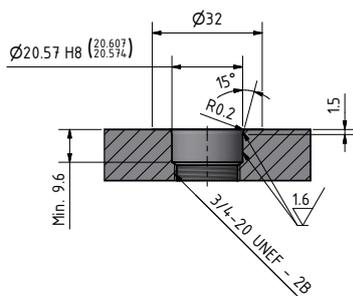
Creepage distances and clearance:	EN 60664-1, tables F2 and F4
Electrical low voltage tests:	EN 50393, table 5

\*Other materials on request

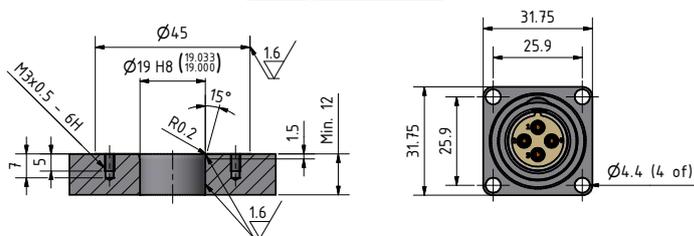
Face view (male)



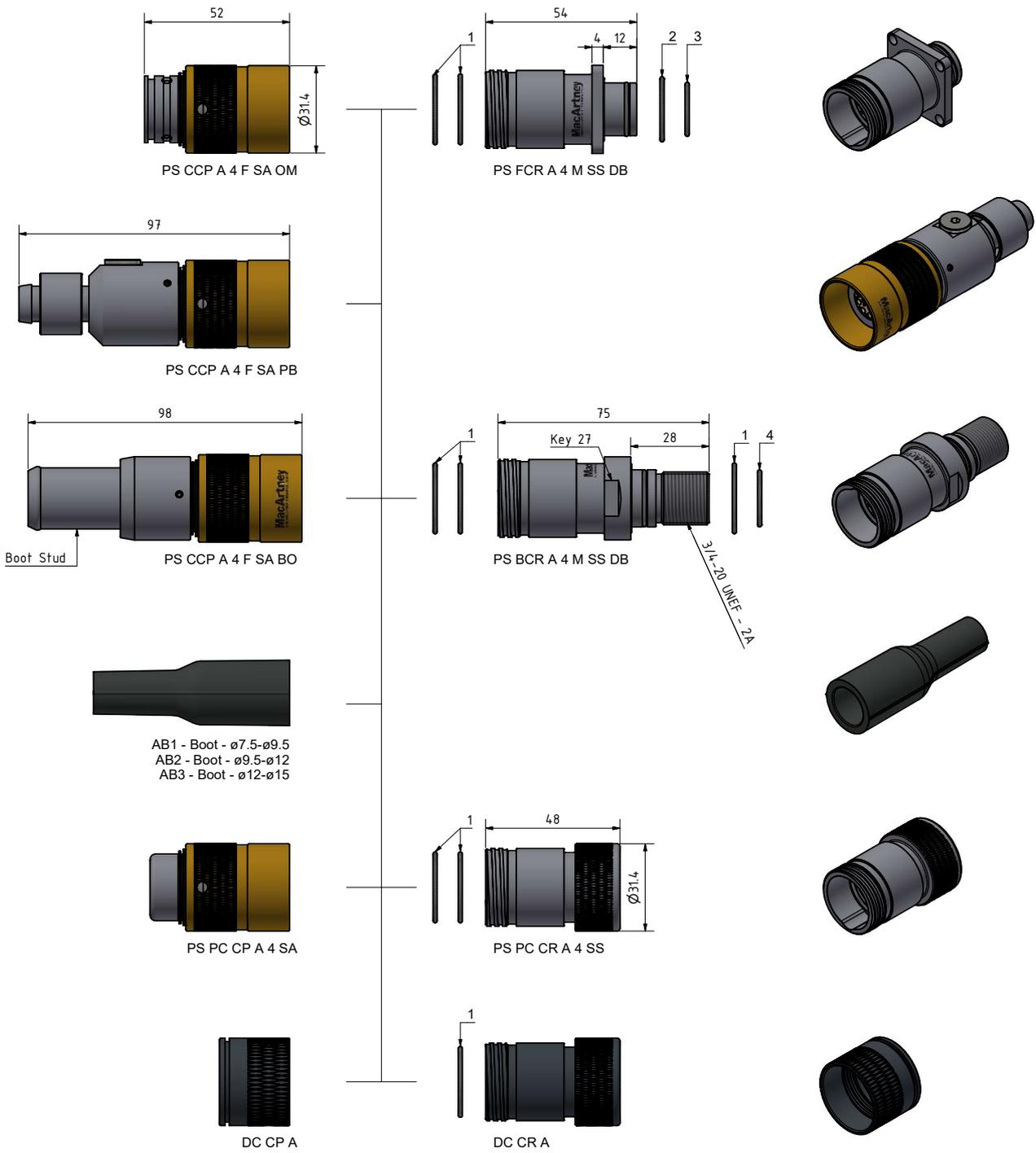
Mounting hole for BCR SA



Mounting hole for FCR SA



Terminated by MacArtney only.



O-rings:

1.  $\varnothing 22.5 \times 1.5$  FPM-75
2.  $\varnothing 20.5 \times 1.5$  FPM-75
3.  $\varnothing 16.5 \times 1.5$  FPM-75
4.  $\varnothing 17.5 \times 1.5$  FPM-75

All measurements in millimetres (mm)

For technical information  
and instructions  
Scan QR code



## Specifications - Power/Signal - size B

### Electrical

	16 contacts		19 contacts
Contact size:	2 x 16 AWG	14 x 20 AWG	20 AWG
Contact size:	1.3 mm <sup>2</sup>	0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>
Voltage rating:	600 VAC/VDC	250 VAC/VDC	250 VAC/VDC
Dielectric withstand:	4,000 VAC	2,500 VAC	2,500 VAC
Current rating up to 4 contacts loaded:	20 A	12 A	12 A
Current rating up to 10 contacts loaded:	11 A	7 A	7 A
Current rating all contacts loaded:	9 A	6 A	6 A

### Materials

Housing*:	Diamond polished AISI 316 Diamond polished Titanium G II
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000 Diamond polished AISI 316 Diamond polished Titanium G II
Pressure cap*:	Diamond polished AISI 316 Diamond polished Titanium G II
Dust cap:	POM
Electrical insert:	Glass reinforced high performance thermoplastic
O-ring:	FPM-75

### Environmental

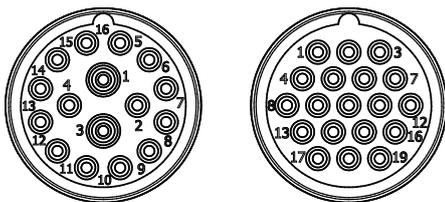
Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

### Standards

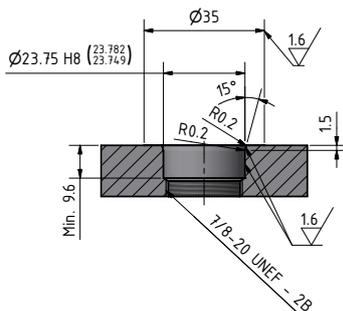
Creepage distances and clearance:	EN 60664-1, tables F2 and F4
Electrical low voltage tests:	EN 50393, table 5

\*Other materials on request

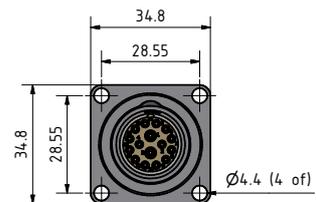
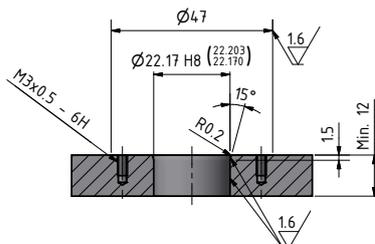
Face view (male)



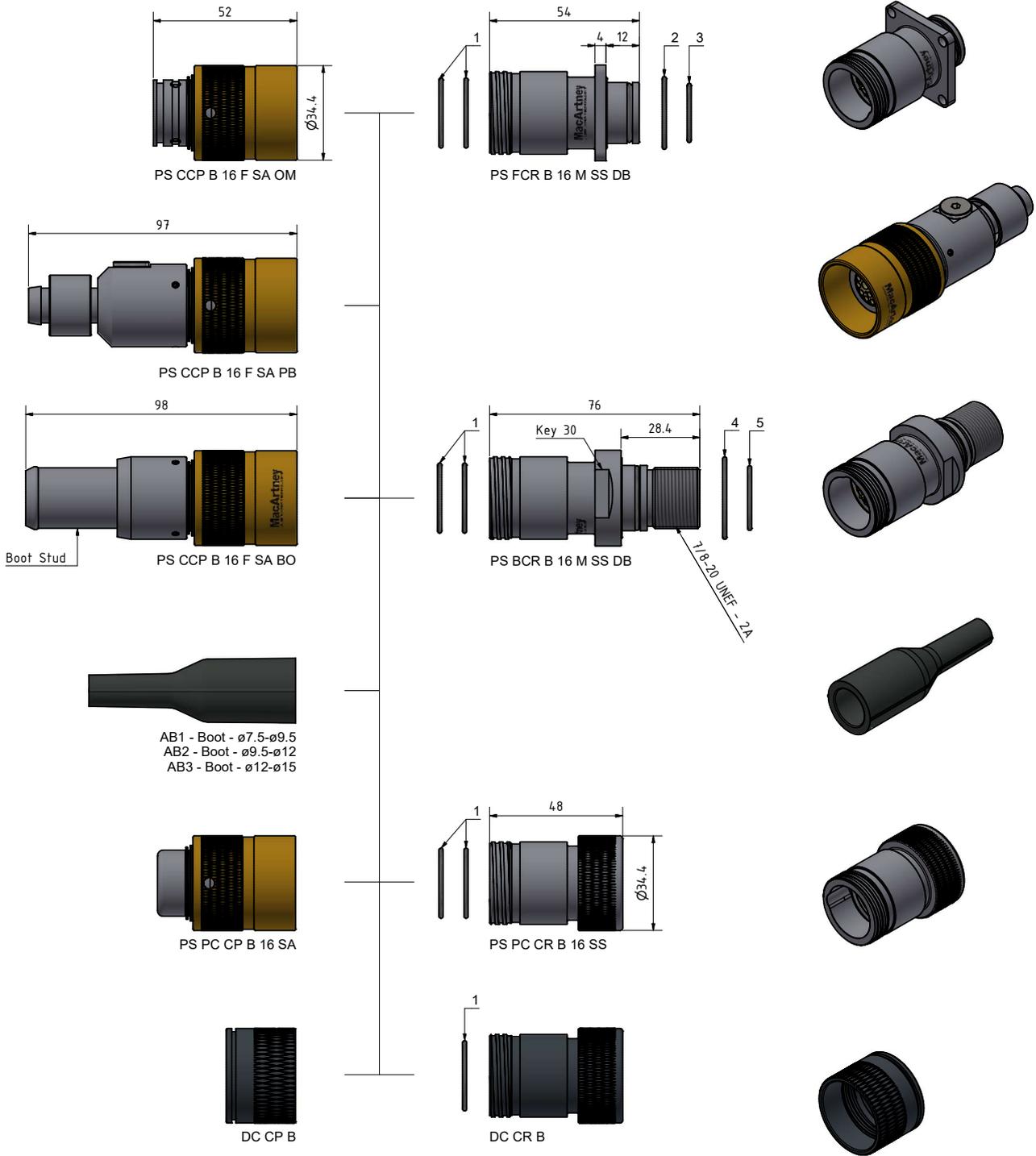
Mounting hole for BCR SB



Mounting hole for FCR SB



Terminated by MacArtney only.



O-rings:

1. ø22.5 x 1.5 FPM-75
2. ø23.5 x 1.5 FPM-75
3. ø18.5 x 1.5 FPM-75
4. ø27.0 x 1.5 FPM-75
5. ø20.5 x 1.5 FPM-75

All measurements in millimetres (mm)

For technical information  
and instructions

Scan QR code



## Specifications - Power/Signal - size C

### Electrical

	<b>26 contacts</b>	<b>37 contacts</b>
Contact size:	20 AWG	20 AWG
Contact size:	0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>
Voltage rating:	250 VAC/VDC	250 VAC/VDC
Dielectric withstand:	2,500 VAC	2,500 VAC
Current rating up to 4 contacts loaded:	12 A	12 A
Current rating up to 10 contacts loaded:	7 A	7 A
Current rating all contacts loaded:	5 A	5 A

### Materials

Housing*:	Diamond polished AISI 316 Diamond polished Titanium G II
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000* Diamond polished AISI 316 Diamond polished Titanium G II
Pressure cap*:	Diamond polished AISI 316 Diamond polished Titanium G II
Dust cap:	POM
Electrical insert:	Glass reinforced high performance thermoplastic
O-ring:	FPM-75

### Environmental

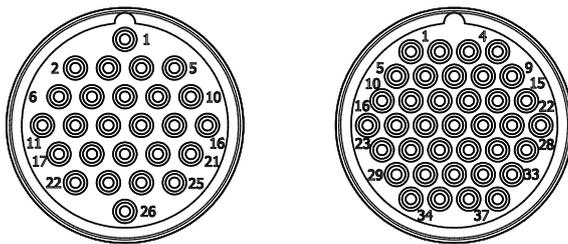
Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

### Standards

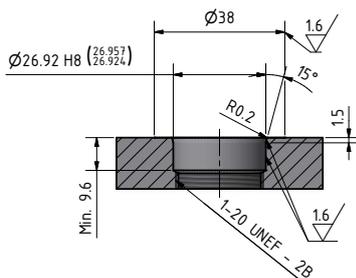
Creepage distances and clearance:	EN 60664-1, tables F2 and F4
Electrical low voltage tests:	EN 50393, table 5

\*Other materials on request

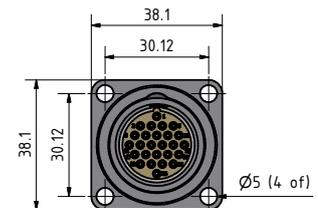
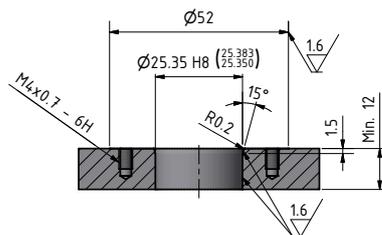
Face view (male)



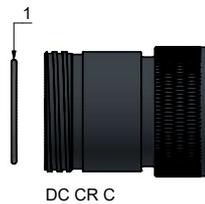
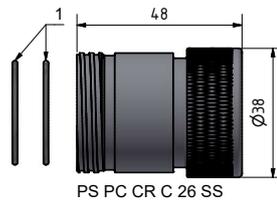
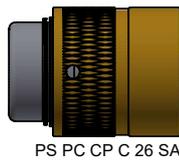
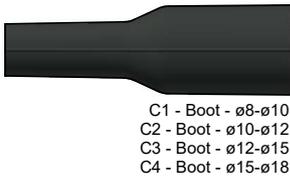
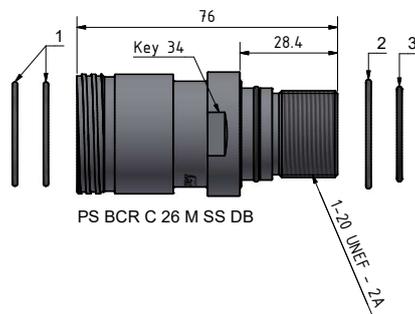
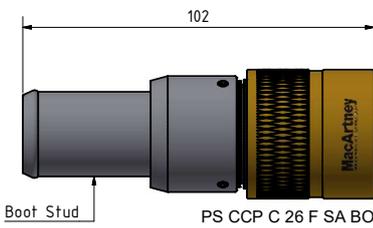
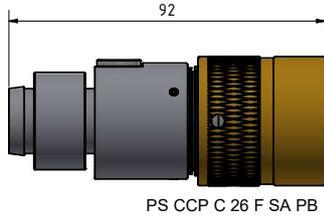
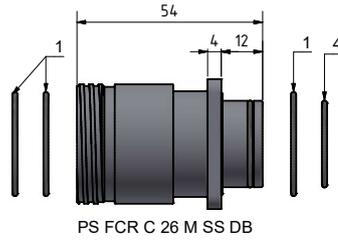
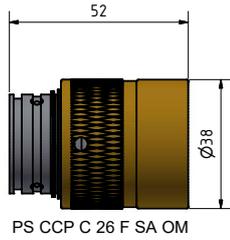
Mounting hole for BCR SC



Mounting hole for FCR SC



Terminated by MacArtney only.



O-rings:

1. ø27.5 x 1.5 FPM-75
2. ø29.0 x 1.5 FPM-75
3. ø24.5 x 1.5 FPM-75
4. ø22.5 x 1.5 FPM-75

Blind plug:

6. 3/16" SAE port (Thread 3/8"-24UNF)

All measurements in millimetres (mm)

For technical information  
and instructions  
Scan QR code



**”** *The modular design includes fully interchangeable male and female inserts, which are engineered and tested to IEC standards. The inserts are rated for up to 10,000 mating cycles, with FCR and BCR configurations qualified for use at pressures up to 600 bar.*



## Part number list

### TrustLink Power/Signal

PS CCP A 8 F SA BO AB2

	PS	CCP	A	8	F	SA	BO	AB2
<b>Range</b>	<b>PS</b>	Power/Signal						
<b>Type</b>	<b>CCP</b>	Cable Connector Plug						
	<b>FCR</b>	Flange Connector Receptacle						
	<b>BCR</b>	Bulkhead Connector Receptacle						
<b>Shell size</b>	<b>A</b>	A size						
	<b>B</b>	B size						
	<b>C</b>	C size						
<b>Contacts</b>	<b>4, 8, 12</b>	Number of contacts	A size					
	<b>16, 19</b>	Number of contacts	B size					
	<b>26, 37</b>	Number of contacts	C size					
<b>Gender</b>	<b>F</b>	Female						
	<b>M</b>	Male						
<b>Material</b>	<b>SA</b>	Body: Stainless Steel, Locking sleeve: Aluminium Bronze						
	<b>SS</b>	Stainless Steel (AISI 316)						
	<b>TI</b>	Titanium (Gr. 2)						
<b>Sealing</b>	<b>DB</b>	Dry Box	FCR and BCR					
	<b>BP</b>	Back Pressure	FCR and BCR					
	<b>OM</b>	Overmould	CCP					
	<b>BO</b>	Boot stud	CCP					
	<b>PB</b>	PBOF	CCP					
<b>Boot size</b>	<b>AB1</b>	Boot for cable ø7,5-ø9,5	A and B size					
	<b>AB2</b>	Boot for cable ø9,5-ø12	A and B size					
	<b>AB3</b>	Boot for cable ø12-15	A and B size					
	<b>C1</b>	Cable ø8-ø10	C size					
	<b>C2</b>	Cable ø10-ø12	C size					
	<b>C3</b>	Cable ø12-ø15	C size					
	<b>C4</b>	Cable ø15-ø18	C size					



# TrustLink™ Data



## High-speed clarity at depth with 10Gbit/s assured to 6,000 m

TrustLink Data is a complete harness solution that delivers assured 10Gbit/s data transmission across cable assemblies up to 10 metres, tested and qualified to operate at 600 bar.

Designed for modern sensors, sonar platforms and real-time underwater operations, it preserves signal integrity throughout the entire connection for advanced systems in marine and offshore, ocean science and naval applications.

TrustLink Data combines a 19-contact connector, a purpose-engineered MacArtney data cable and controlled terminations to operate as an integrated unit. In this configuration, the transmission section forms a CCP–Cable–CCP harness, while the full assembly includes FCR/BCR terminations at each end to ensure reliable, high-data-rate performance.

The assembly integrates easily into new or existing setups, providing a robust and practical solution that reduces uncertainty and supports confident decision-making in data-driven underwater operations.

Delivered as a terminated assembly by MacArtney only, as a complete harness solution or a cable harness.

Latest revision  
available online



### Applications

- ROVs and AUVs
- Subsea control systems
- Oceanographic monitoring networks and subsea observatories
- Offshore wind and renewable energy arrays
- Seismic, survey and environmental monitoring systems
- Underwater imaging, sonar and sensing platforms
- Naval platforms and critical defence and security installations

### Options

- Three MacArtney data cable types
- Custom lengths up to 75 m at 1Gbit/s - 10Gbit/s assured at 10 m
- Booted versions
- Custom materials on request

## Specifications - Data - size B

### Data

	<b>9 contacts incl. screen</b>
Data rate:	10Gbit/s (10 metres)
Data rate:	1Gbit/s (75 metres)
Impedance:	104 $\Omega \pm 10 \Omega$

### Materials

Housing*:	Diamond polished AISI 316 Diamond polished Titanium G II
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000 Diamond polished AISI 316 Diamond polished Titanium G II
Pressure cap*:	Diamond polished AISI 316 Diamond polished Titanium G II
Dust cap:	POM
Electrical insert:	Glass reinforced high performance thermoplastic
O-ring:	FPM-75

### Electrical

	<b>10 contacts</b>
Contact size:	10 x 20 AWG
Contact size:	0.5 mm <sup>2</sup>
Voltage rating:	250 VAC/VDC
Dielectric withstand:	2,500 VAC
Current rating up to 4 contacts loaded:	12 A
Current rating up to 10 contacts loaded:	7 A

### Environmental

Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

### Standards

Creepage distances and clearance:	EN 60664-1, tables F2 and F4
Electrical low voltage tests:	EN 50393, table 5
Data tests:	RFC 2544 and ITU-T Y.1564

### Recommended cable

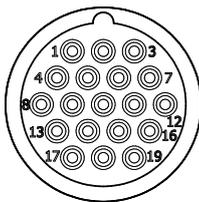
Type 9880CC or 9880KCC

### FCR/BCR pigtail

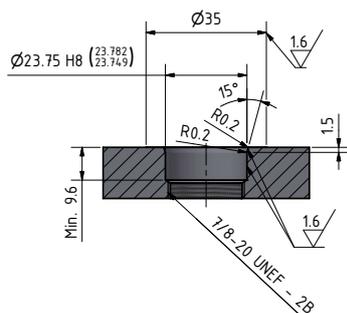
Delivered with 1m CAT7 w. screened RJ45

\*Other materials on request

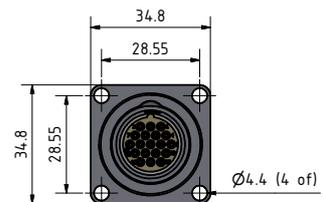
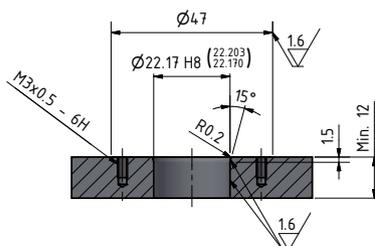
Face view (male)



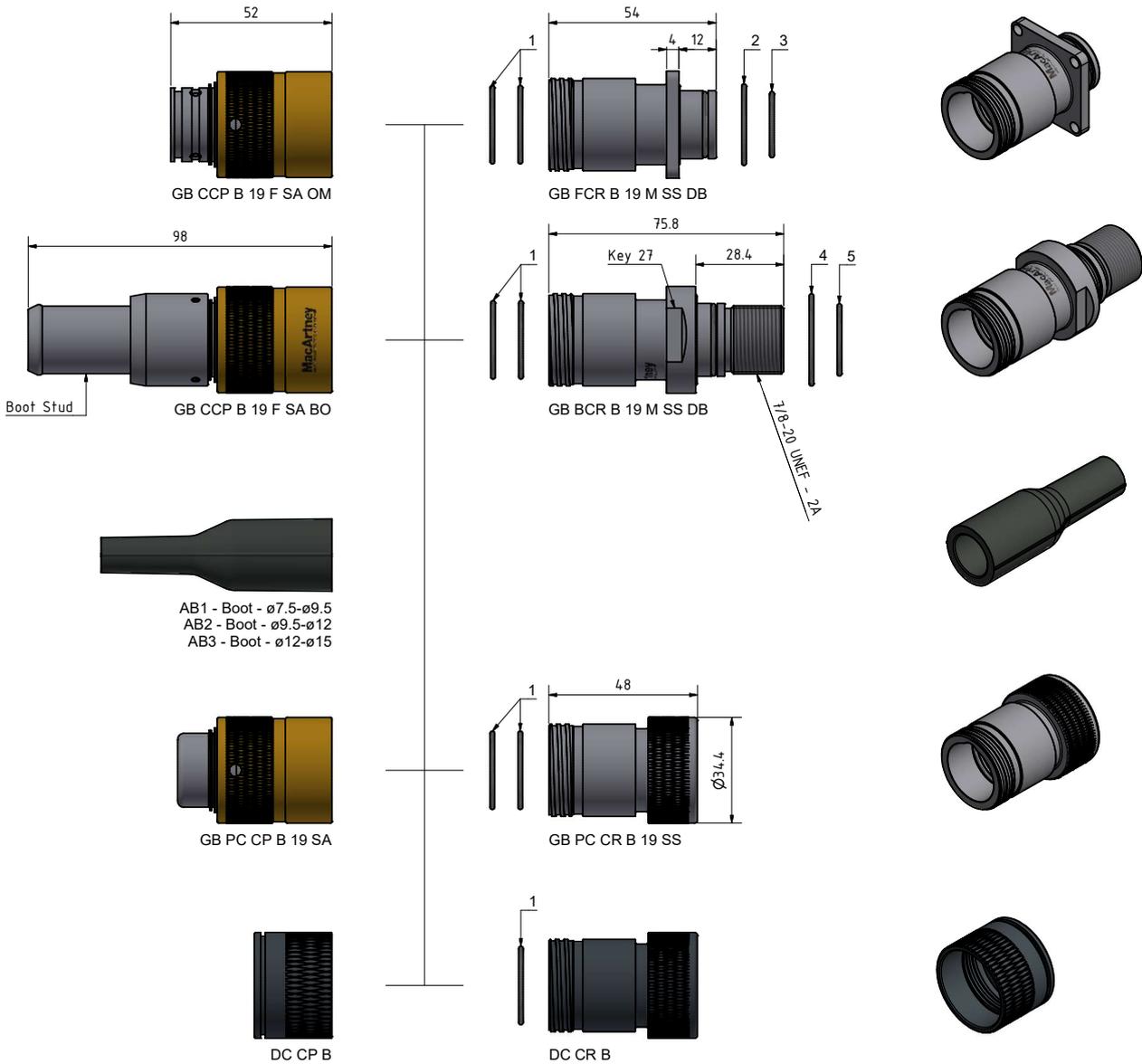
Mounting hole for BCR B



Mounting hole for FCR B



Delivered as a terminated assembly by MacArtney only



O-rings:

1.  $\varnothing 22.5 \times 1.5$  FPM-75
2.  $\varnothing 23.5 \times 1.5$  FPM-75
3.  $\varnothing 18.5 \times 1.5$  FPM-75
4.  $\varnothing 27.0 \times 1.5$  FPM-75
5.  $\varnothing 20.5 \times 1.5$  FPM-75

All measurements in millimetres (mm)

For technical information  
and instructions

Scan QR code



**”** Underwater applications require clean, uninterrupted data to perform reliably. When you picture real-time sonar tracking the seabed with clarity, the quality of the connection delivering that information becomes essential. TrustLink Data provides this through a complete harness solution that carries both power and data with confidence and speed.



## Part number list

### TrustLink Data

GB CCP B 19 F SA BO AB3

	GB	CCP	B	19	F	SA	BO	AB3
<b>Range</b>	GB	Data						
<b>Type</b>	CCP	Cable Connector Plug						
	FCR	Flange Connector Receptacle						
	BCR	Bulkhead Connector Receptacle						
<b>Shell size</b>	B	B size						
<b>Contacts</b>	19	Number of contacts						
<b>Gender</b>	F	Female						
	M	Male						
<b>Material</b>	SA	Body: Stainless Steel, Locking sleeve: Aluminium Bronze						
	SS	Stainless Steel (AISI 316)						
	TI	Titanium (Gr. 2)						
<b>Sealing</b>	DB	Dry Box						FCR and BCR
	OM	Overmould						CCP
	BO	Boot stud						CCP
<b>Boot size</b>	AB1	Boot for cable ø7,5-ø9,5						A and B size
	AB2	Boot for cable ø9,5-ø12						A and B size
	AB3	Boot for cable ø12-15						A and B size



# TrustLink™ Coax



## High-integrity coax and power in a compact, impedance-matched subsea assembly

The TrustLink Coax connector is impedance-matched to maintain signal integrity at high frequencies, ideal for HD video, radar and telemetry. Supporting low-attenuation signal transfer up to 4 GHz, it delivers consistent performance in demanding marine and offshore environments.

TrustLink Coax is built for long-term deployment at depth, with a pressure rating of up to 600 bar. The connector is available in stainless steel or titanium, allowing operators to match material choice to operational conditions. Titanium for maximum corrosion resistance, stainless steel for standard applications.

By combining coaxial and power within a single, compact assembly, TrustLink Coax reduces the number of required connections and streamlines system integration. With a compact footprint and the modular design principles of the TrustLink range, the connector fits into tight installation spaces.

Each cable harness solution is delivered as a fully terminated MacArtney assembly, ensuring quality control and deployment-ready reliability.

■ Latest revision  
■ available online



### Applications

- HD video transmission in subsea vehicles and platforms
- Radar and telemetry systems
- Oceanographic research equipment
- Naval and offshore energy installations
- Subsea robotics and monitoring systems

### Options

- Custom cable terminations and assembly lengths
- Variation of RG types available
- Booted versions
- Custom materials on request

## Specifications - Coax - size B

### Coax

	50Ω	75Ω
Frequency range:	Up to 4 GHz	Up to 4 GHz
Coax cable:	RG58(2550CC)	RG59(2575CC)
Coax pigtail (standard):	RG174 w SMB	RG179 w SMB
Voltage rating on coax:	600 V (pollution 2)	600 V (pollution 2)

### Materials

Housing*:	Diamond polished AISI 316 Diamond polished Titanium G II
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000 Diamond polished AISI 316 Diamond polished Titanium G II
Pressure cap*:	Diamond polished AISI 316 Diamond polished Titanium G II
Dust cap:	POM
Electrical insert:	Glass reinforced high performance thermoplastic
O-ring:	FPM-75

\*Other materials on request

### Electrical

	6 contacts
Contact size:	18 AWG
Contact size:	0.8 mm <sup>2</sup>
Voltage rating:	250 VAC/VDC
Dielectric withstand:	2,500 VAC
Current rating all contacts loaded:	10 A

### Environmental

Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

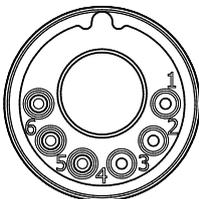
### Standards

Creepage distances and clearance:	EN 60664-1, tables F2 and F4
Electrical low voltage tests:	EN 50393, table 5

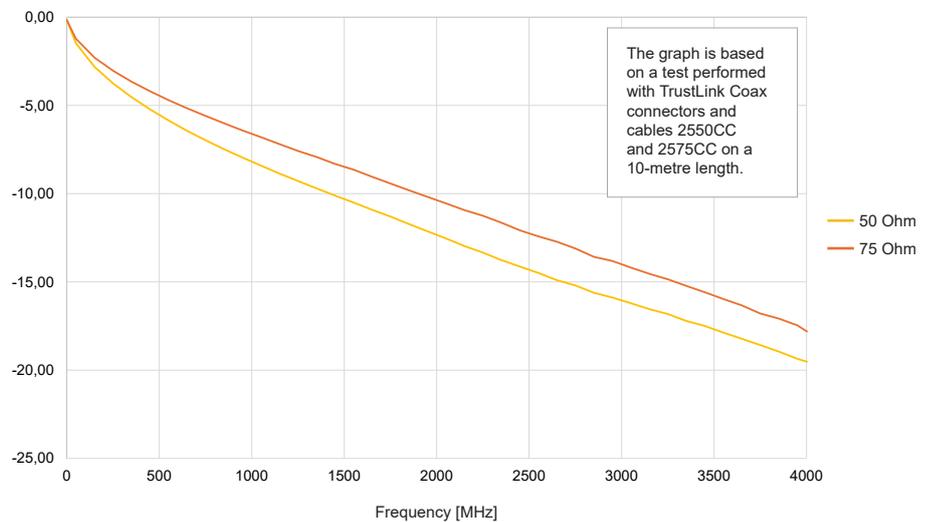
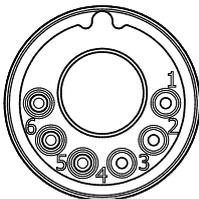
### Recommended cable

Type 2550CC or 2575CC

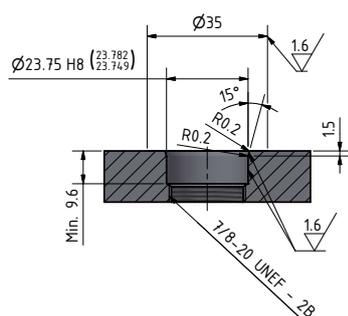
Face view (CX50 male)



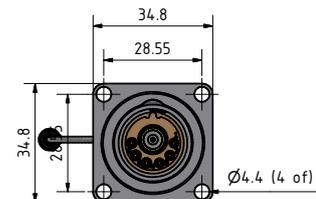
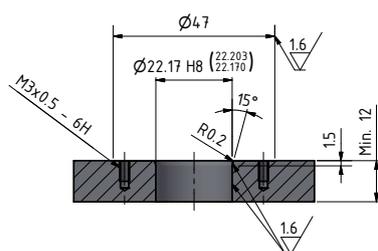
Face view (CX75 male)



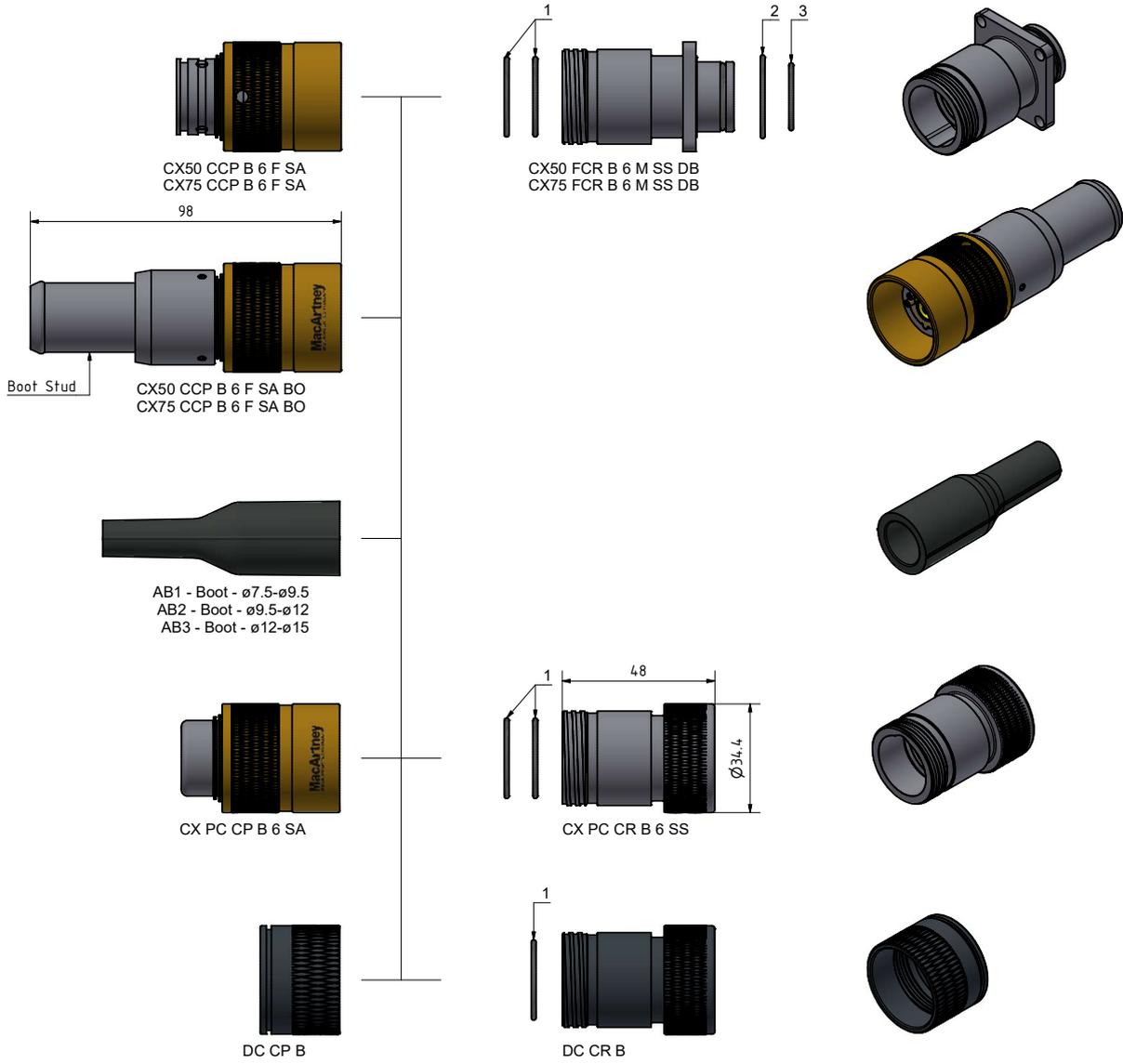
Mounting hole for BCR B



Mounting hole for FCR B



Terminated by MacArtney only.



O-rings:

1.  $\varnothing 22.5 \times 1.5$  FPM-75
2.  $\varnothing 23.5 \times 1.5$  FPM-75
3.  $\varnothing 18.5 \times 1.5$  FPM-75
4.  $\varnothing 27.0 \times 1.5$  FPM-75
5.  $\varnothing 20.5 \times 1.5$  FPM-75

All measurements in millimetres (mm)

For technical information  
and instructions

Scan QR code



**”** *TrustLink Coax integrates seamlessly into tight configurations and supports both signal and power to depths of up to 6,000 metres. It meets the operational realities our customers face from seabed to surface.*

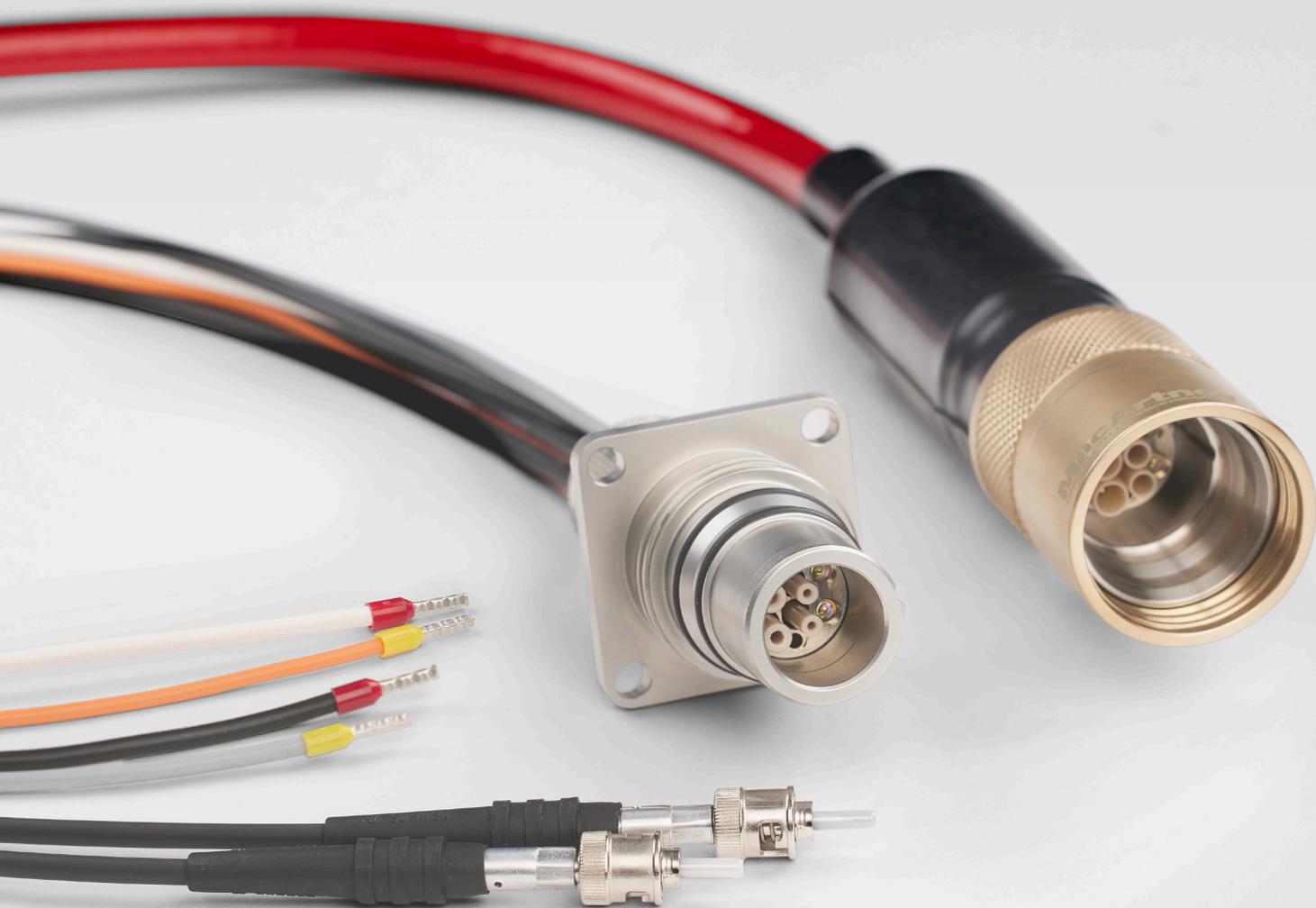


## Part number list

### TrustLink Coax

CX50 CCP B 6 F SS BO AB3

			CX50	CCP	B	6	F	SS	BO	AB3
<b>Range</b>	<b>CX50</b>	50 Ω Coax								
	<b>CX75</b>	75 Ω Coax								
<b>Type</b>	<b>CCP</b>	Cable Connector Plug								
	<b>FCR</b>	Flange Connector Receptacle								
	<b>BCR</b>	Bulkhead Connector Receptacle								
<b>Shell size</b>	<b>B</b>	B size								
<b>Contacts</b>	<b>6</b>	Number of contacts								
<b>Gender</b>	<b>F</b>	Female								
	<b>M</b>	Male								
<b>Material</b>	<b>SA</b>	Body: Stainless Steel, Locking sleeve: Aluminium Bronze								
	<b>SS</b>	Stainless Steel (AISI 316)								
	<b>TI</b>	Titanium (Gr. 2)								
<b>Sealing</b>	<b>DB</b>	Dry Box								
	<b>OM</b>	Overmould								
	<b>BO</b>	Boot stud								
<b>Boot size or pigtail</b>	<b>AB1</b>	Boot for cable ø7,5-ø9,5								
	<b>AB2</b>	Boot for cable ø9,5-ø12								
	<b>AB3</b>	Boot for cable ø12-15								
	<b>1.0 SMB</b>	Straight mini SMB RG 174 or 179 (1.0 = Length in metre)								



# TrustLink™ Hybrid



## Power and optical communication in one compact solution for subsea systems

The TrustLink Hybrid connector combines fibre optic and electrical functionality in a single, compact unit, eliminating the need for multiple connectors in space-constrained subsea systems. The optical passes, available in single-mode or multi-mode, ensure high-speed data and video transmission with minimal loss under pressure. Additionally, the electrical contacts provide reliable power delivery for mission-critical equipment.

Our expanded-beam optical design enhances durability and simplifies cleaning, thereby reducing maintenance downtime. The connector's streamlined footprint facilitates easier integration in tight layouts. It is supplied with a protective boot as standard, which guards against cathodic delamination and ensures long-term reliability in demanding subsea environments.

MacArtney terminates every assembly to ensure performance and compatibility with recommended or client-specific cable solutions.

■ Latest revision  
■ available online



### Applications

- ROVs, AUVs, and trenchers
- Naval systems and equipment
- Oceanographic instruments and subsea nodes
- Seismic and survey systems
- Underwater cameras, video, and lighting
- Offshore oil & gas and renewable energy systems
- Power supply for underwater pumps
- Harsh environment monitoring and telemetry

### Options

- Single-mode and multi-mode fibre combinations
- Custom cable assemblies and terminations through all MacArtney global workshops

## Specifications - Hybrid - size C

### Electrical

	<b>4 contacts</b>
Contact size:	2 x 16 AWG
Voltage rating:	600 VAC/800 VDC
Current rating:	13 A
Contact size:	2 x 20 AWG
Voltage rating:	250 VAC/350 VDC
Current rating:	5 A
Current rating all contacts loaded:	36 A

### Materials

Housing*:	Diamond polished AISI 316
Locking sleeves*:	Diamond polished Nickel Aluminium Bronze C63000
Pressure cap*:	Diamond polished AISI 316
Dust cap:	POM
Insert:	Stainless steel
O-ring:	FPM-75

\*Other materials on request

### Optical (single mode)

Wavelength:	1,310 to 1,550 nm
Attenuation:	Max 2.5 dB, Typical 1.0-1.5 dB (when mated)
Fibre types:	9/125 $\mu\text{m}$
Optical passes:	2 passes

### Optical specifications (multi mode)

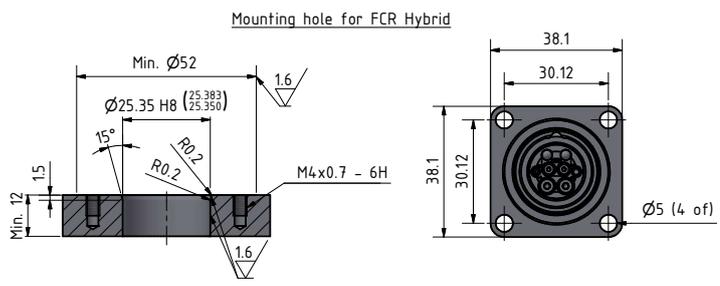
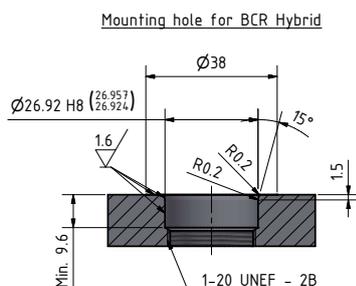
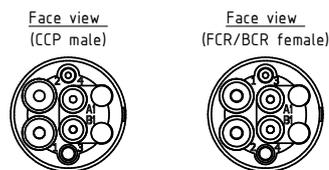
Wavelength:	850 to 1,300 nm
Attenuation:	Max 2.5 dB Typical 1.0-1.5 dB (when mated)
Fibre types:	50/125 $\mu\text{m}$
Optical passes:	2 passes

### Environmental

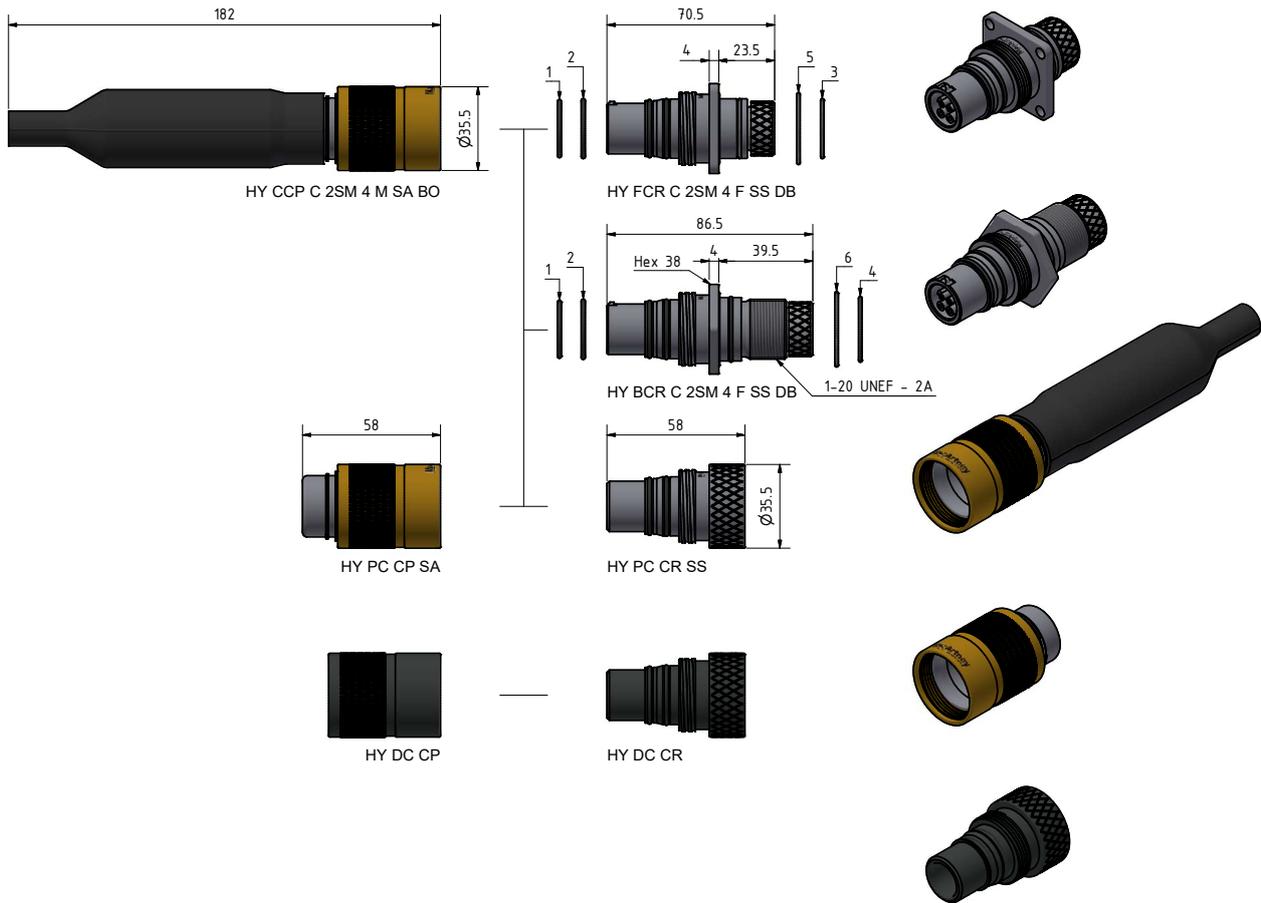
Qualified pressure tested:	Mated 720 bar/10,400 psi
Depth rating:	Mated 600 bar/8,700 psi (dry box)
Temperature rating:	
Water:	-4 to 70°C/25 to 158°F
Air:	-25 to 70°C/13 to 158°F
Storage:	-25 to 70°C/13 to 158°F

### Recommended cable

Type 3644CC or 3780CC



Terminated by MacArtney only.



O-rings:

1.  $\varnothing 20.35 \times 1.78$  FPM-75
2.  $\varnothing 21.95 \times 1.78$  FPM-75
3.  $\varnothing 22.50 \times 1.50$  FPM-75
4.  $\varnothing 24.50 \times 1.50$  FPM-75
5.  $\varnothing 27.50 \times 1.50$  FPM-75
6.  $\varnothing 29.00 \times 1.50$  FPM-75

All measurements in millimetres (mm)

For technical information  
and instructions  
**Scan QR code**



**”** *TrustLink Hybrid is developed in response to customer demand for a small, all-in-one connectivity solution that supports numerous applications.*



## Part number list

### TrustLink Hybrid

HY CCP C 2SM 4 M SS BO H1

	HY	CCP	C	2SM	4	M	SS	BO	H1
<b>Range</b>	HY	Hybrid							
<b>Type</b>	CCP	Cable Connector Plug							
	FCR	Flange Connector Receptacle							
	BCR	Bulkhead Connector Receptacle							
	PC	Pressure Cap							
	DC	Dust Cap (POM)							
<b>Shell size</b>	C	C size							
<b>Optical contacts</b>	2	SM or MM							
<b>Electrical contacts</b>	4	Electrical contacts							
<b>Gender</b>	F	Female							
	M	Male							
<b>Material</b>	SA	Body: Stainless Steel, Locking sleeve: Aluminium Bronze							
	SS	Stainless Steel (AISI 316)							
	TI	Titanium (Gr. 2)							
	AB	Aluminium Bronze							
<b>Sealing</b>	DB	Dry Box						FCR and BCR	
	OM	Overmould						CCP	
	BO	Boot stud						CCP	
<b>Boot size or pigtail</b>	ST	ST connector*							
	LC	LC connector*							
	H1	Boot for cable ø10.5							

\*Specified length: 0.3-1.4 metres



# TrustLink™ API



## Reliable connectivity for subsea systems

TrustLink API connectors are engineered for long-term deployment in harsh, highly regulated subsea environments. Built from rugged materials and designed for depths up to 4,000 metres, the series delivers reliable electrical performance for critical oil and gas, drilling, and control applications.

Each assembly fully complies with relevant American Petroleum Institute (API) standards, including API 17E and API 16D, and is third-party certified by DNV. Connectors and cables are individually pressure-tested during production, and the complete harness is verified before delivery.

Available in pin counts from 4 to 48 electrical contacts, the TrustLink API provides flexibility for a wide range of subsea systems. All external parts are manufactured in stainless steel AISI 316 as standard, with alternative materials available on request.

Each solution is supplied as a fully terminated MacArtney assembly, ready for installation in demanding API-governed environments.

Latest revision  
available online



### Applications

- Riser monitoring systems
- Flexible riser umbilical systems
- Subsea and drilling control systems
- Blowout preventor (BOP) systems
- Intervention and workover systems
- Subsea completion systems

### Highlighted specifications

- Depth rating: 4,000 metres
- Certified to DNV-OSS-306
- FCR version can withstand full open-face pressure



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UNDERWATER TECHNOLOGY

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