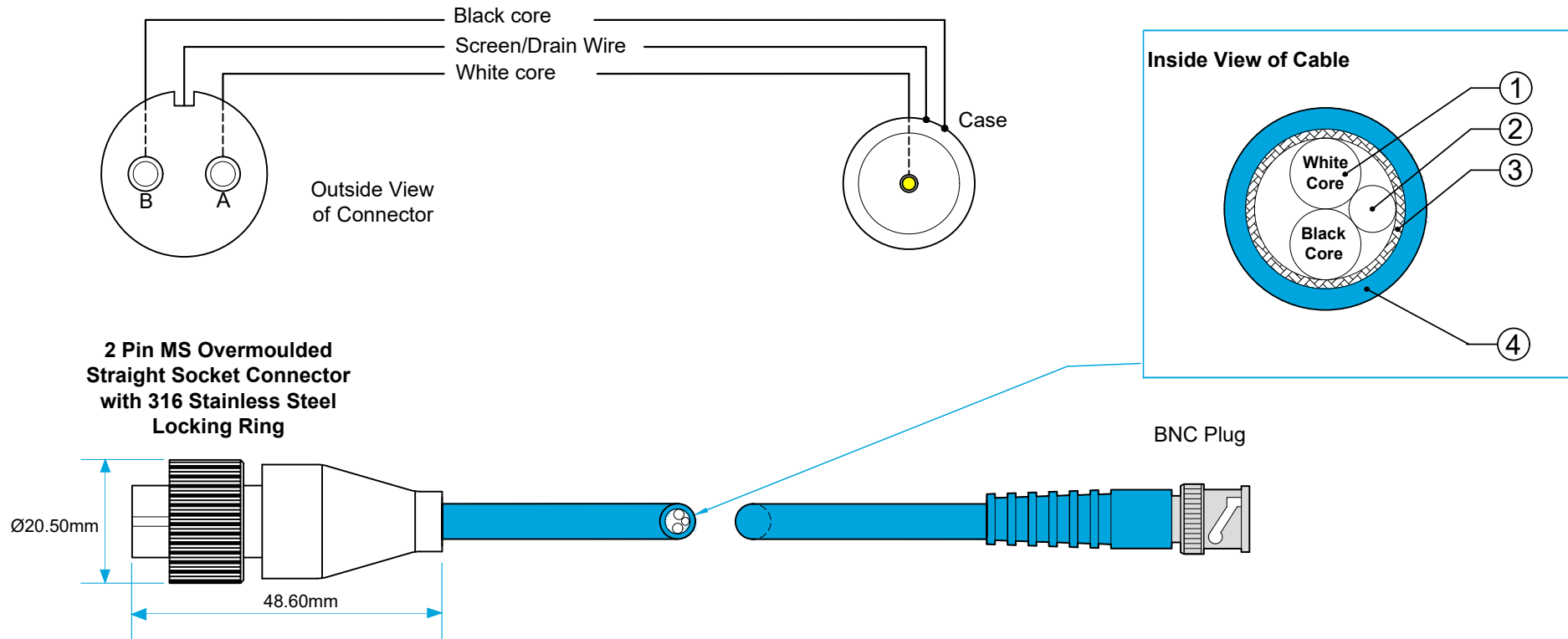


Connection Details of Cable Assembly



Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

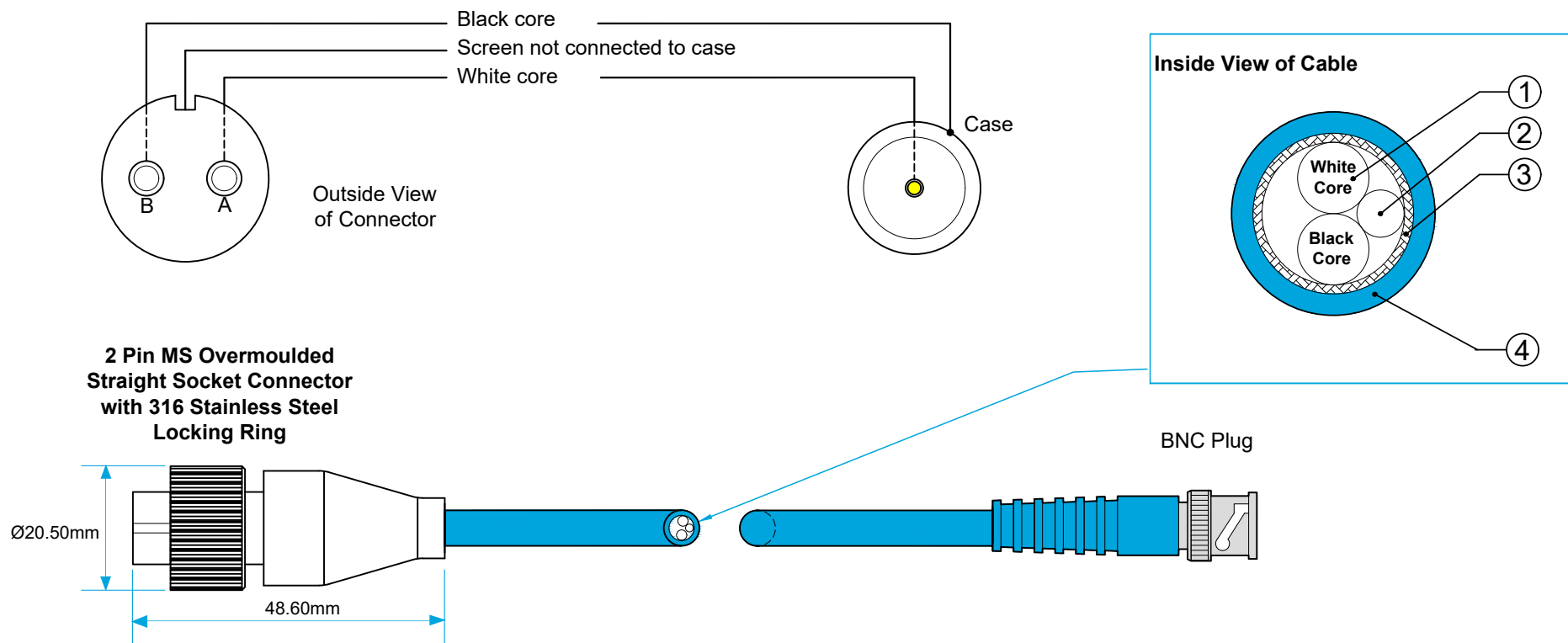
Materials of Cable: High Temperature FEP Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

Connection Details of Cable Assembly



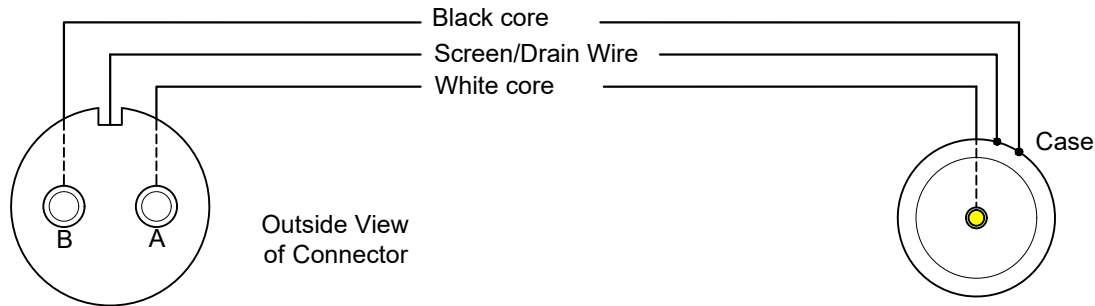
Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

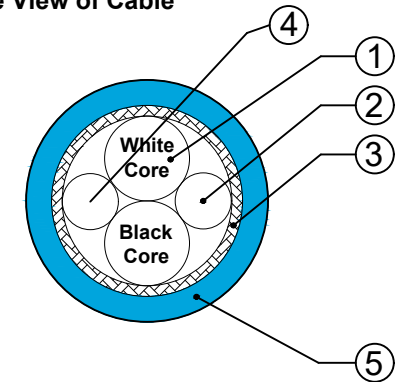
Materials of Cable: High Temperature FEP Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

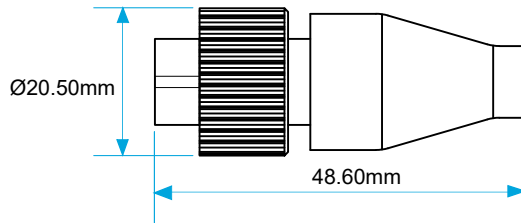
Connection Details of Cable Assembly



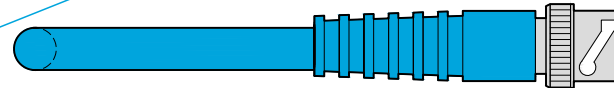
Inside View of Cable



2 Pin MS Overmoulded Straight Socket



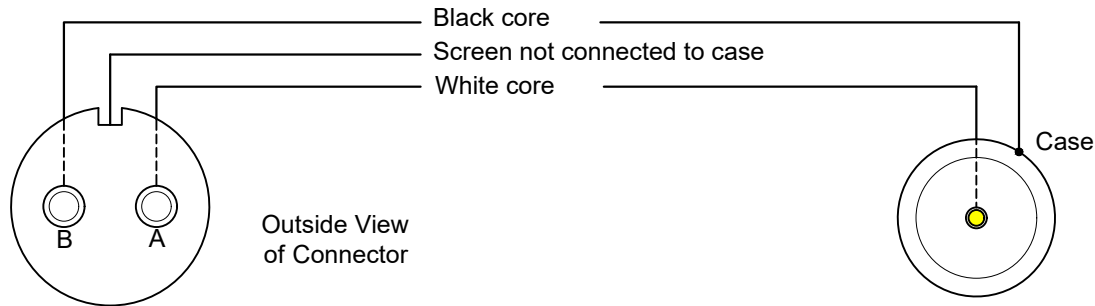
BNC Plug



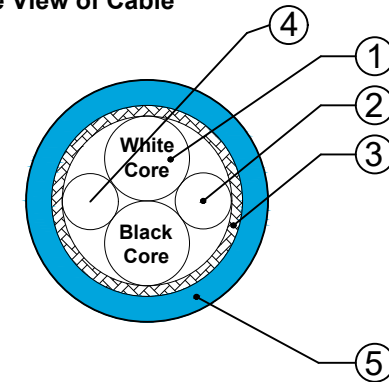
Cable C01-024				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	24 AWG	Copper 0.60 Insulation 1.14	19 x 0.13
2.	Tin plated copper drain wire	24 AWG	0.60	19 x 0.13
3.	Braided screen of tin plated copper wire	16 x 7 x 0.10	2.80	
4.	Solid filler		0.60	
5.	Jacket of flame retardant PUR, blue	Thickness 0.60	4.2	RAL 5019

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	92	Ω / km max
Insulation Resistance	>1500	MΩ / km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	core-core: 88 core-screen:158	pF / m
Impedance	core-core:56 core-screen:31	Ohms
AC loop Inductance	0.629	mH / km
Weight	28	g / m
Temperature Rating	-40 / +90	°C

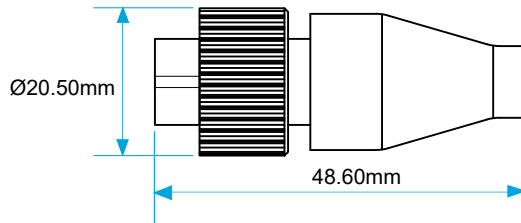
Connection Details of Cable Assembly



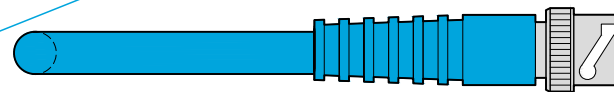
Inside View of Cable



2 Pin MS Overmoulded Straight Socket



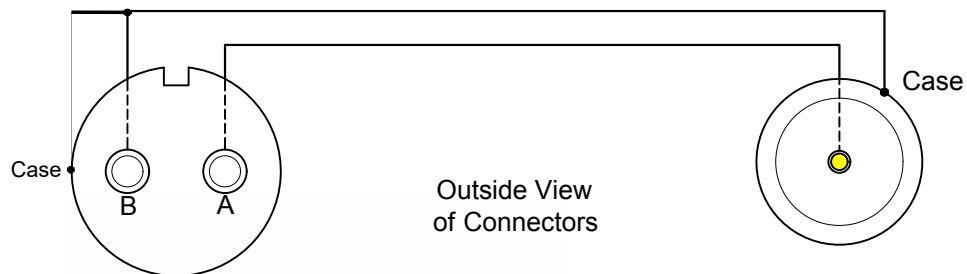
BNC Plug



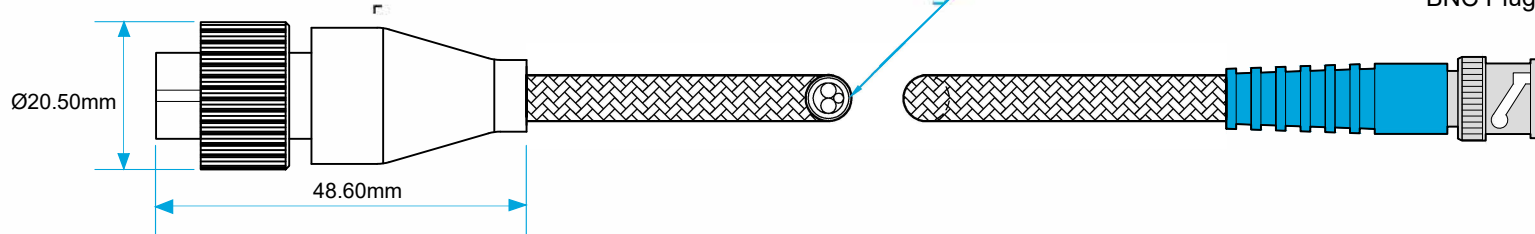
Cable C01-024				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	24 AWG	Copper 0.60 Insulation 1.14	19 x 0.13
2.	Tin plated copper drain wire	24 AWG	0.60	19 x 0.13
3.	Braided screen of tin plated copper wire	16 x 7 x 0.10	2.80	
4.	Solid filler		0.60	
5.	Jacket of flame retardant PUR, blue	Thickness 0.60	4.2	RAL 5019

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	92	Ω / km max
Insulation Resistance	>1500	MΩ / km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	core-core: 88 core-screen:158	pF / m
Impedance	core-core:56 core-screen:31	Ohms
AC loop Inductance	0.629	mH / km
Weight	28	g / m
Temperature Rating	-40 / +90	°C

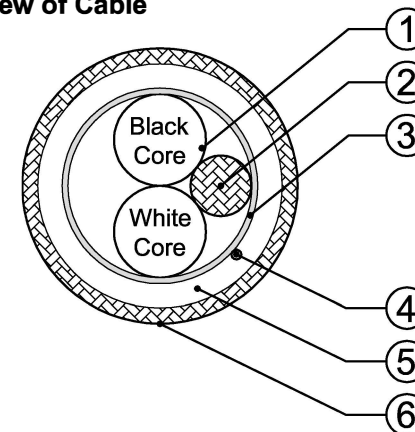
Connection Details of Cable Assembly



**2 Pin MS Overmoulded
Straight Socket Connector
with 316 Stainless Steel
Locking Ring**



Inside View of Cable



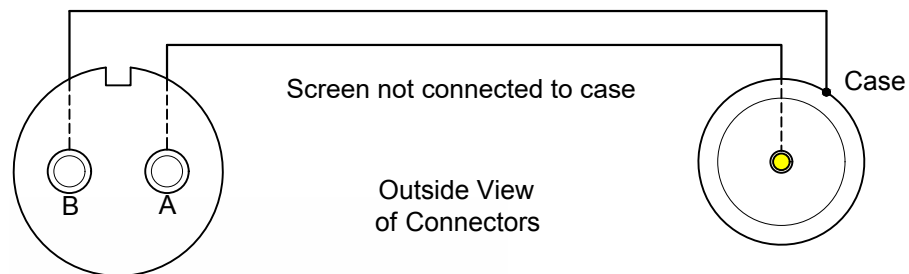
Materials of Cable: C01-002 Overbraided ETFE Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0,17	0,96 1,30	19 x 0,20 (0,6mm ²)
2.	Screen wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm ²)
3.	Wrapped aluminium polyester foil screen		2,8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0,45	3,7	
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom	Nom. Coverage: 95%

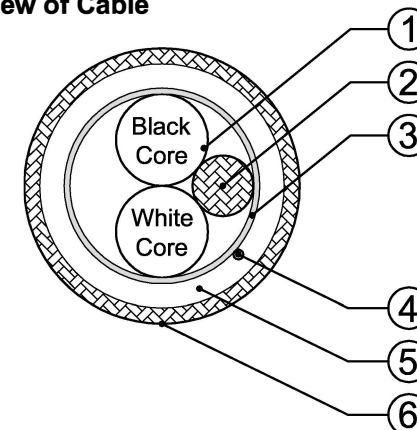
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	Max: 32,4	Ω / km
Insulation resistance	>1500	MΩ x km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C

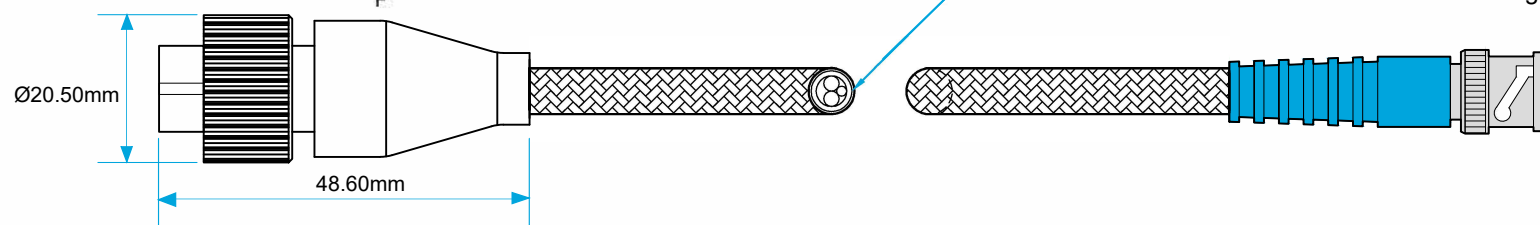
Connection Details of Cable Assembly



Inside View of Cable



2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



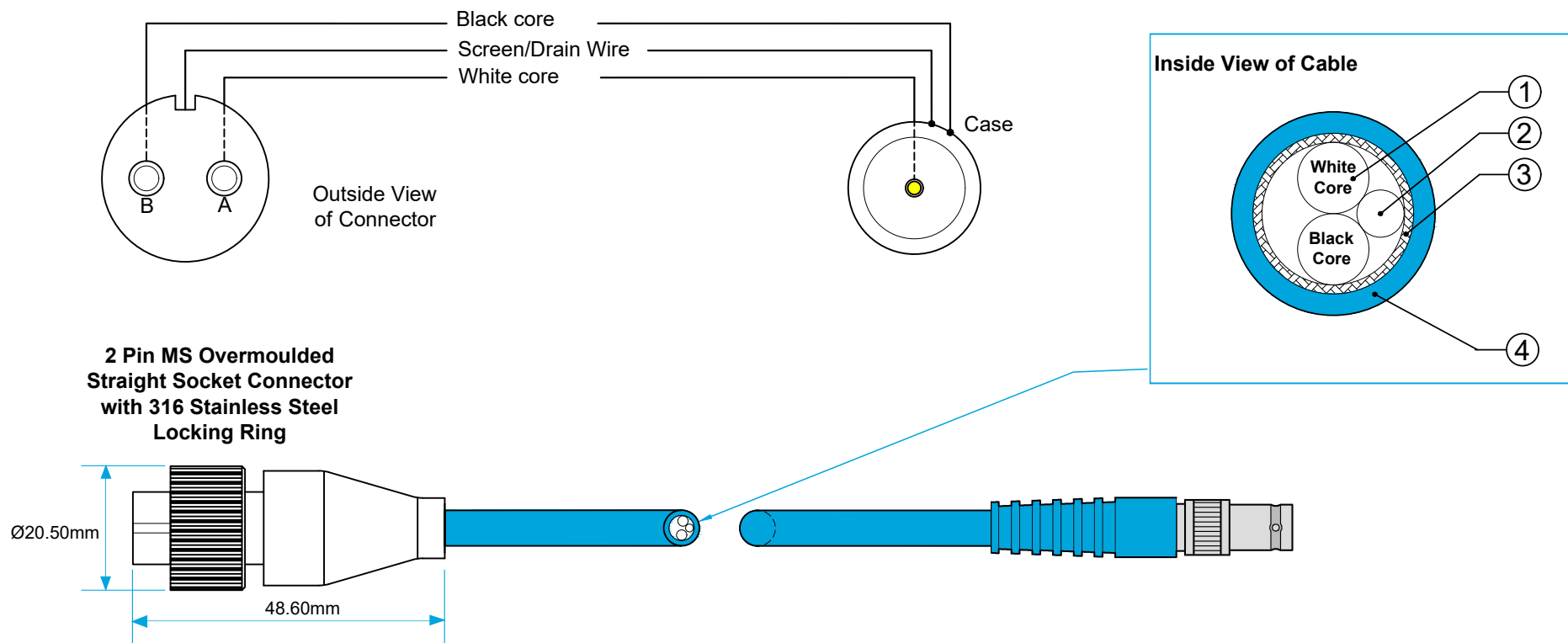
Materials of Cable: C01-002 Overbraided ETFE Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0,17	0,96 1,30	19 x 0,20 (0,6mm ²)
2.	Screen wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm ²)
3.	Wrapped aluminium polyester foil screen		2,8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0,45	3,7	
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom	Nom. Coverage: 95%

Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	Max: 32,4	Ω / km
Insulation resistance	>1500	MΩ x km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C

Connection Details of Cable Assembly



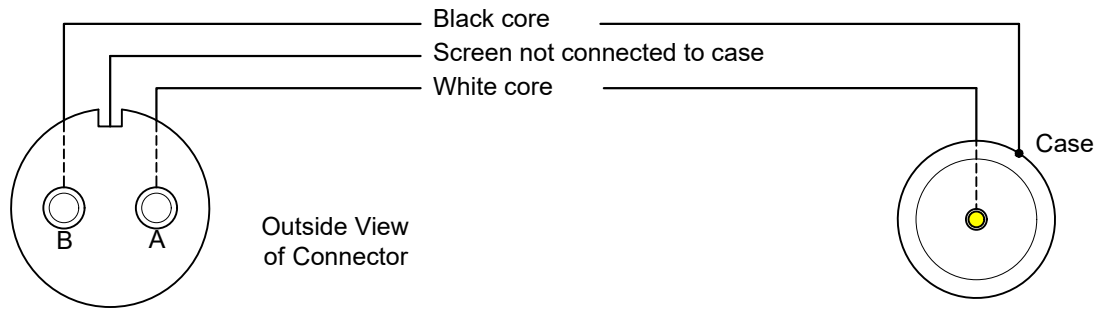
Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

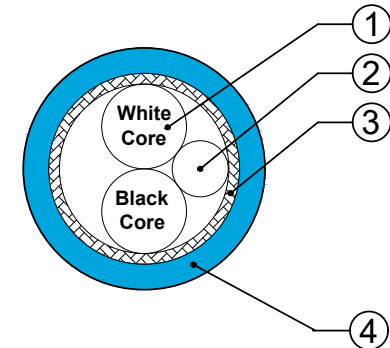
Materials of Cable: High Temperature FEP Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

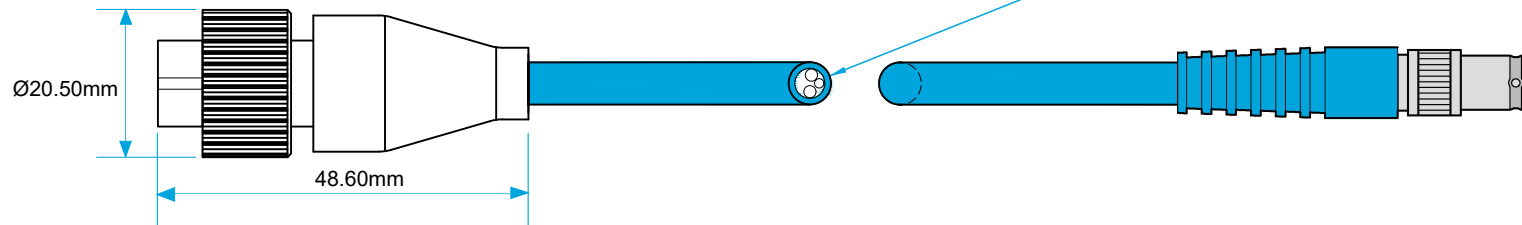
Connection Details of Cable Assembly



Inside View of Cable



2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

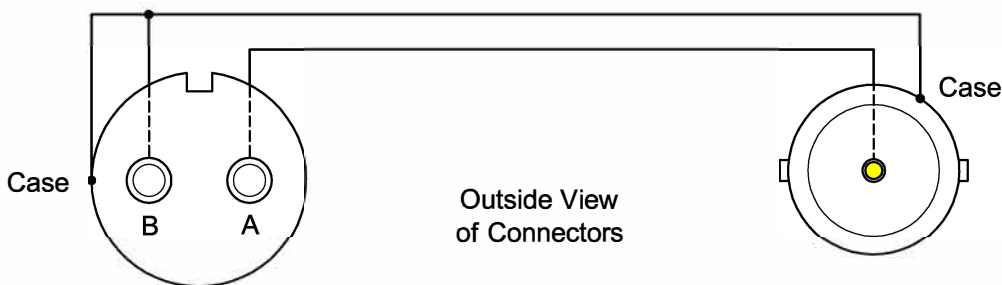
Materials of Cable: High Temperature FEP Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

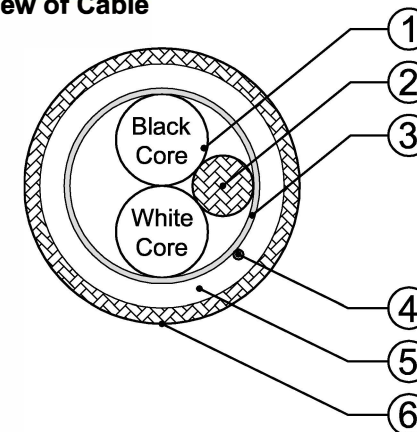
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

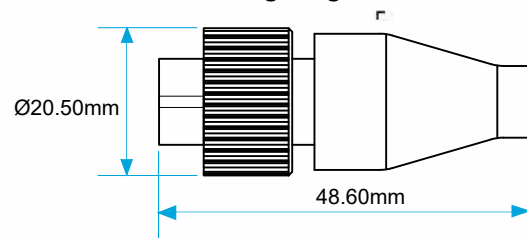
Connection Details of Cable Assembly



Inside View of Cable



2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



BNC Socket



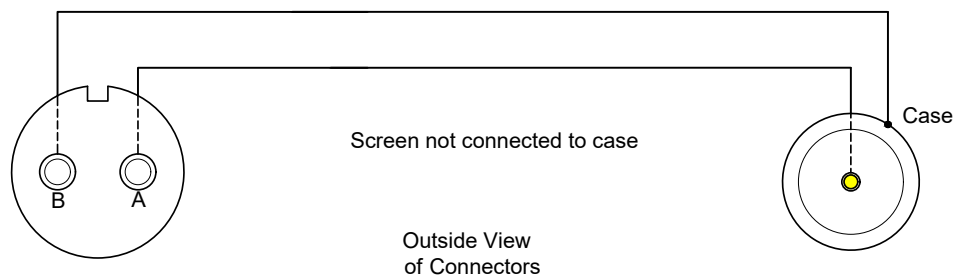
Materials of Cable: C01-002 Overbraided ETFE Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0,17	0,96 1,30	19 x 0,20 (0,6mm ²)
2.	Screen wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm ²)
3.	Wrapped aluminium polyester foil screen		2,8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0,45	3,7	
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom	Nom. Coverage: 95%

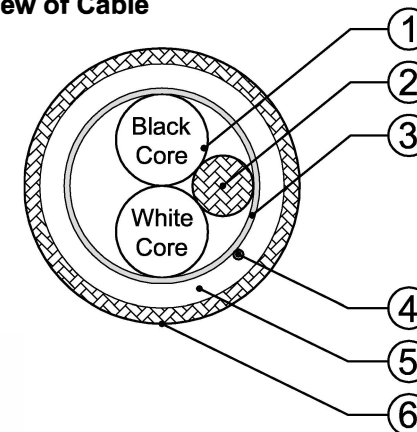
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	Max: 32,4	Ω / km
Insulation resistance	>1500	MΩ x km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C

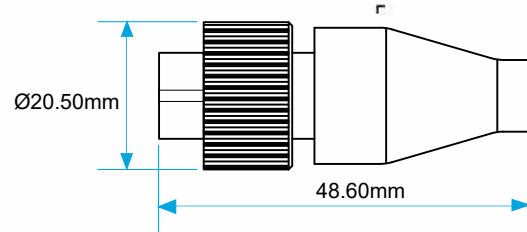
Connection Details of Cable Assembly



Inside View of Cable



2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



BNC Socket



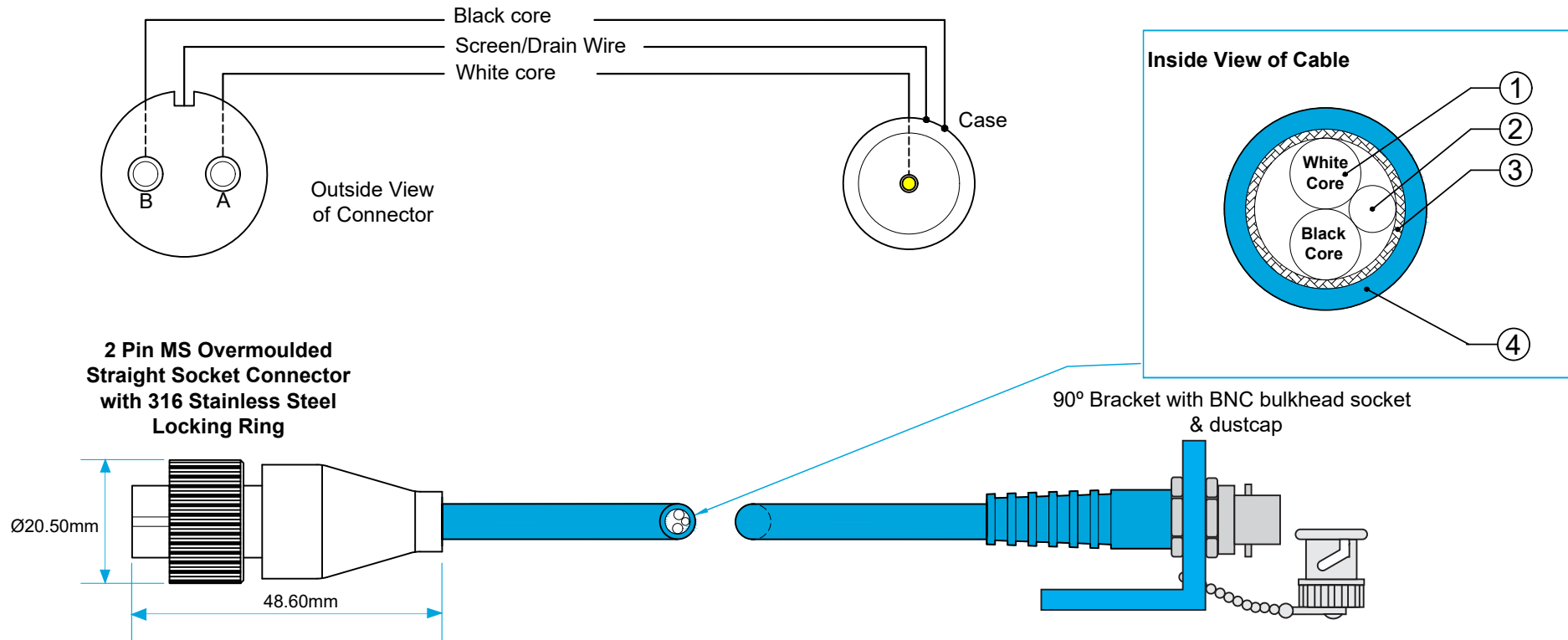
Materials of Cable: C01-002 Overbraided ETFE Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0,17	0,96 1,30	19 x 0,20 (0,6mm ²)
2.	Screen wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm ²)
3.	Wrapped aluminium polyester foil screen		2,8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0,45	3,7	
6.	Braided armour of stainless steel wire	16 x 7 x 0,12 Lay = 11,8 Angle = 46,6	4,2 nom	Nom. Coverage: 95%

Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	Max: 32,4	Ω / km
Insulation resistance	>1500	MΩ x km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C

Connection Details of Cable Assembly



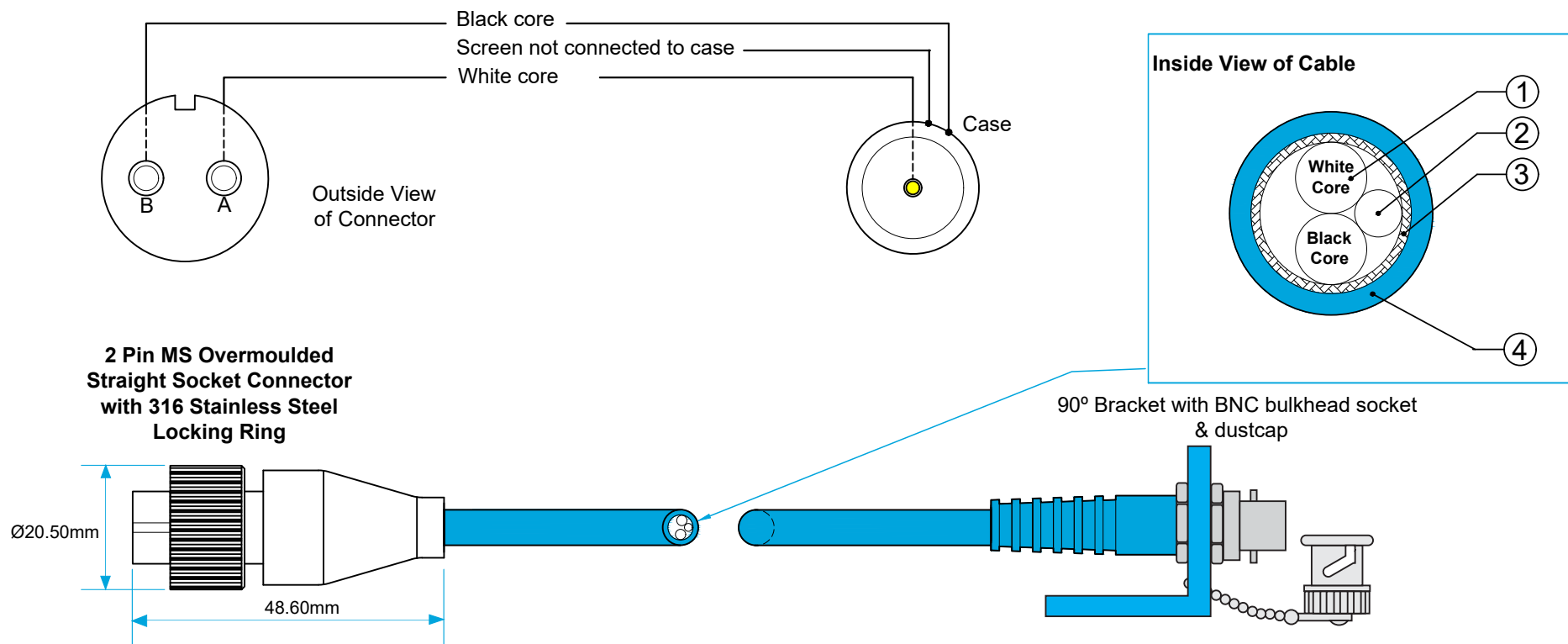
Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

Materials of Cable: High Temperature FEP Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

Connection Details of Cable Assembly



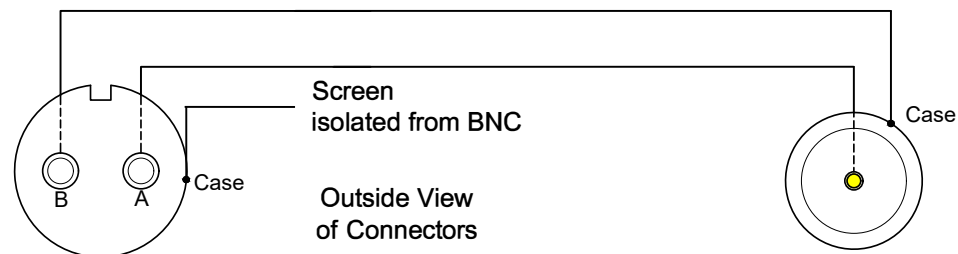
Environment Specification of Cable Assembly

Maximum operating temperature of 150°C with high levels of resistance to chemical attack.

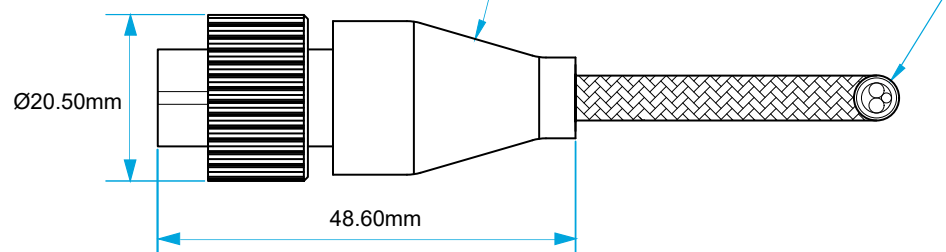
Materials of Cable: High Temperature FEP Cable				
Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of FEP	20 AWG	Copper 0.96 Insulation 1.47	19 x 0.2
2.	Tin plated copper drain wire	20 AWG	0.96	19 x 0.2
3.	Braided screen of tin plated copper wire	16 x 6 x 0.127	3.3.8	Optimised: 85% min
4.	Jacket of FEP, blue	Thickness 0.35mm	4.5	Tube-Extruded

Technical Data of Cable		
Technical Data	Values at 20°C	Unit
Conductor Resistance	34	Ω / km
Insulation Resistance	>5000	MΩ x km
Test Voltage	3	KV DC
Voltage Rating	600/1000	V AC
Capacitance	Core-core: 85	pF / m
Inductance	0.54	1kHz μH/m
L/R Ratio	7.94	μH/Ω
Weight	40	g / m
Temperature Rating	-80 / +200	°C

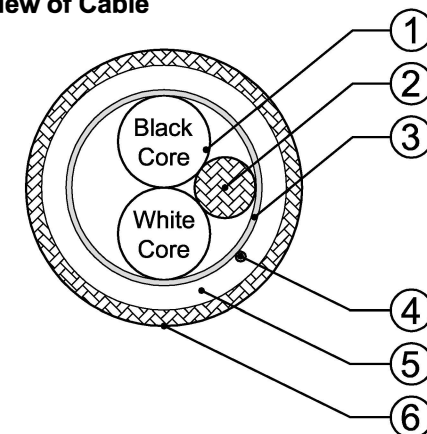
Connection Details of Cable Assembly



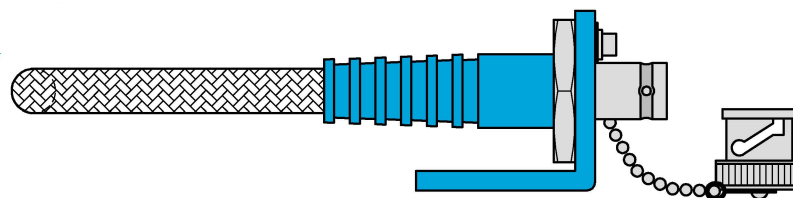
2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



Inside View of Cable



BNC Connector with dustcap and 90° Bracket



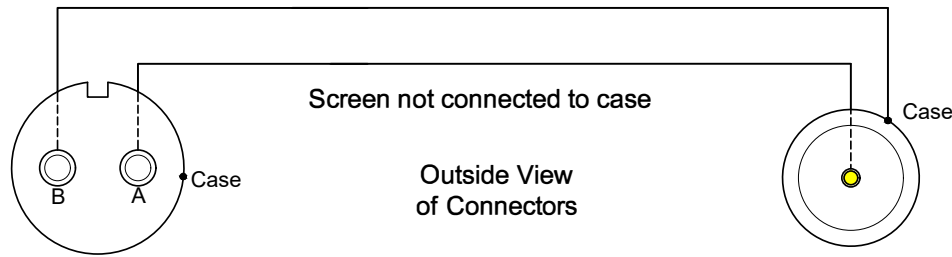
Materials of Cable: C01-002 Overbraided cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0.17	0.96 1.30	19 x 0.20
2.	Screen wire of tin plated copper	20 AWG	0.96	19 x 0.20
3.	Wrapped aluminium polyester foil screen		2.8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0.45	3.7	
6.	Braided armour of stainless steel wire	16 x 7 x 0.12 Lay = 11,8 Angle = 46,6	4.20	Nom. Coverage: 95%

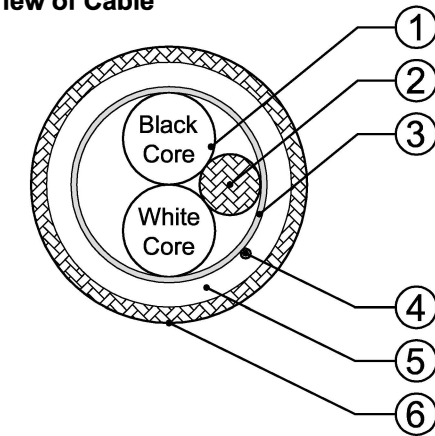
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	32,4	Ω / km
Insulation resistance	>1500	MΩ x Km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C

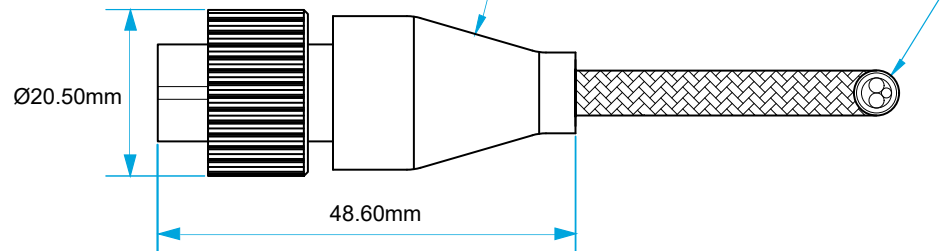
Connection Details of Cable Assembly



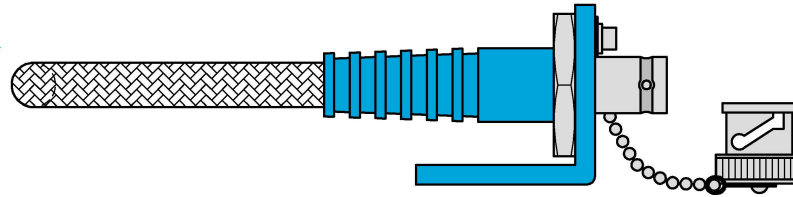
Inside View of Cable



2 Pin MS Overmoulded Straight Socket Connector with 316 Stainless Steel Locking Ring



BNC Connector with dustcap and 90° Bracket



Materials of Cable: C01-002 Overbraided cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	20 AWG 0.17	0.96 1.30	19 x 0.20
2.	Screen wire of tin plated copper	20 AWG	0.96	19 x 0.20
3.	Wrapped aluminium polyester foil screen		2.8	Coverage: 100%
4.	Kevlar tear-thread			
5.	Jacket of FEP, black	0.45	3.7	
6.	Braided armour of stainless steel wire	16 x 7 x 0.12 Lay = 11,8 Angle = 46,6	4.20	Nom. Coverage: 95%

Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor resistance	32,4	Ω / km
Insulation resistance	>1500	MΩ x Km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core-core: 165 ± 10%	nF / km
	Core-screen: 310 ± 10%	
Impedance	Core-core: 33 ± 10%	Ω
	Core-screen: 18 ± 10%	
Radiation tolerance	10 E4	Gy
Weight	45	g / m
Temperature rating	-65 / +150	°C