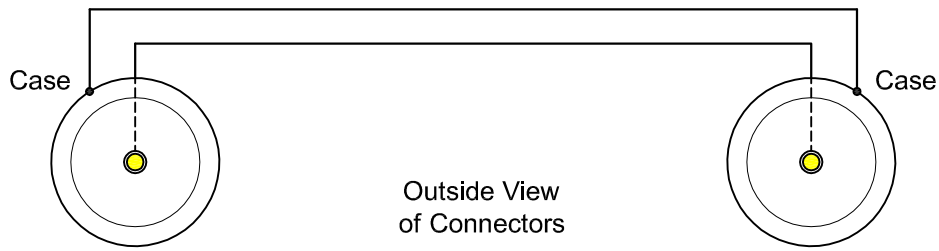
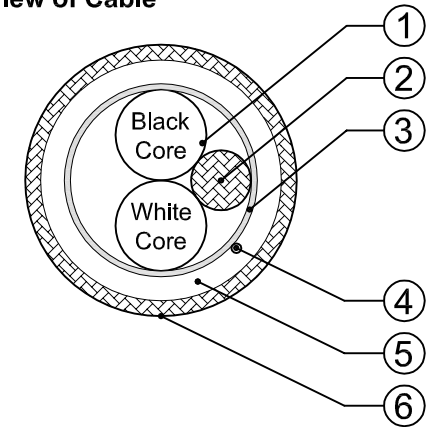


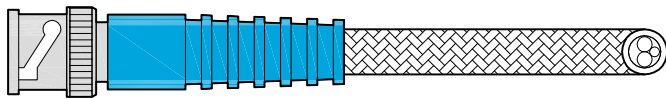
## Connection Details of Cable Assembly



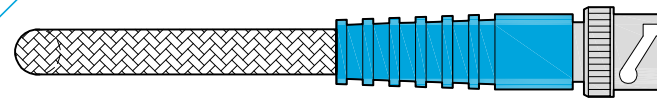
## Inside View of Cable



BNC Plug



BNC Plug



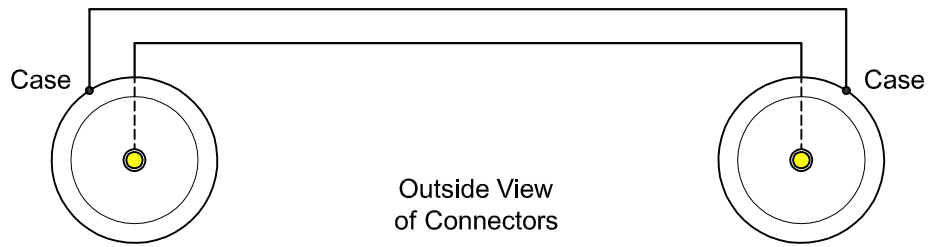
Materials of Cable: C01-002 Overbraided ETFE Cable

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 <sup>2</sup> )
2.	Screen wire of tin plated copper	20 AWG	0,96	19 x 0,20 (0,6mm <sup>2</sup> )
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%

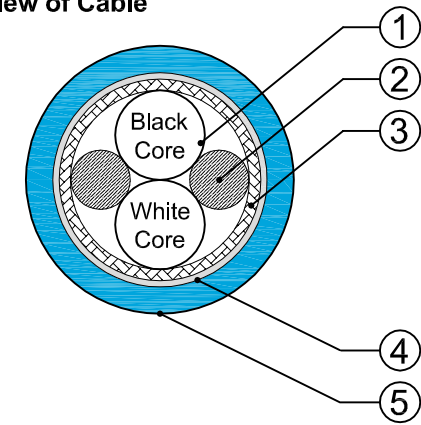
Technical Data of Cable

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

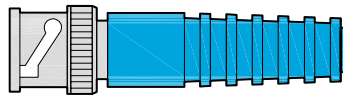
### Connection Details of Cable Assembly



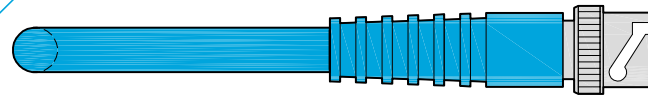
### Inside View of Cable



BNC Plug



BNC Plug



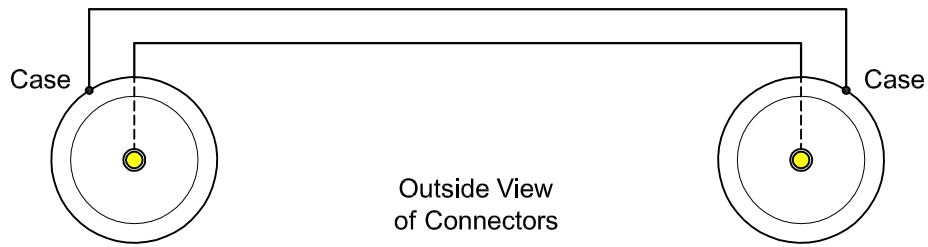
Materials of Cable: C01-024 FR Polyurethane Cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plated copper conductor insulation of ETFE	24 AWG	0,60 1,14	19 x 0,13
2.	Solid LT filler		0,6	
3.	Braided screen of tin plated copper	0,10mm	2,8	Optimised: 90% min
4.	Non woven polyester binder		3,0	
5.	Jacket of FR Polyurethane cable, Blue Pressure-extruded round	0,60mm	4,2 4,0	Nominal OD Minimum OD

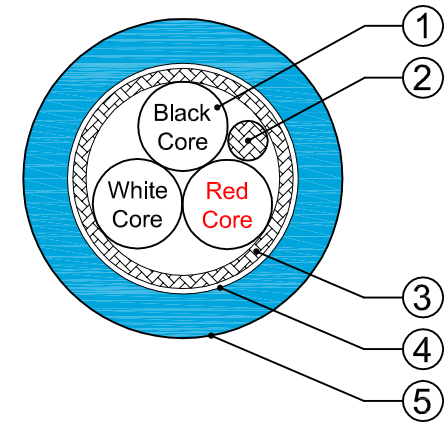
Technical Data of Cable

Technical Data	Values at 20°C	Unit
Conductor Resistance	86,0	$\Omega$ / km
Insulation Resistance	>1500	M $\Omega$ x km
Test Voltage	3	KV DC
Voltage Rating	600	V AC
Capacitance	Core-core: 88	nF / km
	Core-screen: 158	
Impedance	Core-core: 56	$\Omega$
	Core-screen: 31	
Inductance	0,715	$\mu$ H / m
Radiation Tolerance	2x 10 E5	Gy
Weight	24,5	g / m
Temperature Rating	-40 / +100	°C

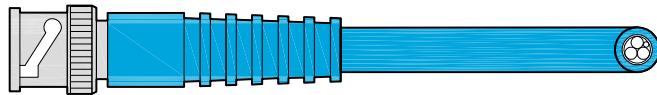
### Connection Details of Cable Assembly



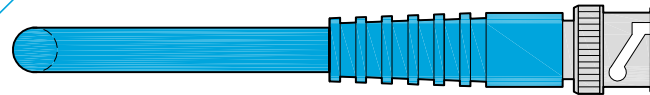
### Inside View of Cable



BNC Plug



BNC Plug



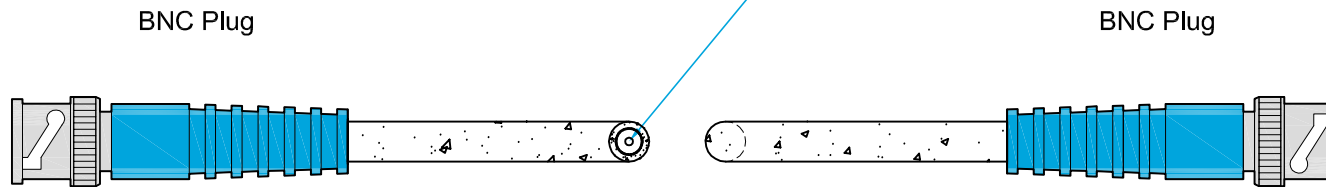
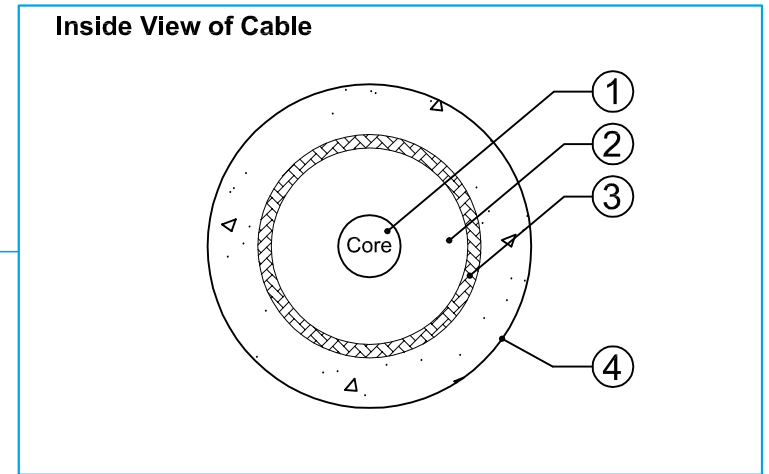
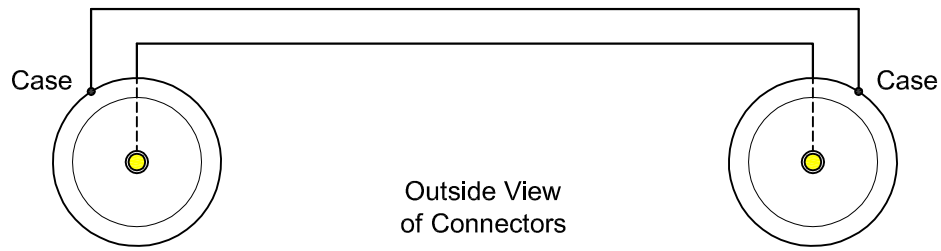
Materials of Cable: C01-018 Silicon Cable

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 (0,6sqmm)
2.	Screen wire of tin plated copper	24 AWG	0,60	19 x 0,13 (0,24sqmm)
3.	Braided screen of tin plated copper	16 x 7x 0, 10 Lay = 23,4 Angle = 22,1	3,25	Coverage: 85% min
4.	Non woven polyester binder		3,4	
5.	Jacket of Silicon, blue pressure-extruded round	0,90	5,2 nom	

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: 178 ± 18	nF / km
	Core-screen: 335 ± 33	
Impedance	Core-core: 28,6 ± 28	Ω
	Core-screen: 15,3 ± 2	
Weight	46	g / m
Temperature rating	-50 / +150	°C

## Connection Details of Cable Assembly



Materials of Cable: C01-012 RG58/U Black Coax cable

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Core, copper strand tinned.	21/19 AWG	0,9mm (nominal)	
2.	Core insulation, polyethhylene		2,95mm (nominal)	19/0.13
3.	Braiding, copper strand tinned wire	AWG 36	3,5mm (nominal)	Optical cover: 95%
4.	Jacket, polyvinylchloride (PVC)		4,95 (nominal)	

Technical Data of Cable: C01-012 RG58/U Black Coax cable

Technical Data	Values	Unit
Conductor resistance at 20°C	40,7	Ω / km
Propagation time	approx 66%	(5,1 ns/m)
Capacitance	max 105 pF/m at 1 kHz	pF/m
Impedance	50±2	Ω
Conductor weight	40	Kg / km
Temperature - Operating	-10 to +80	°C
Temperature - Stationary	-40 to +80	°C