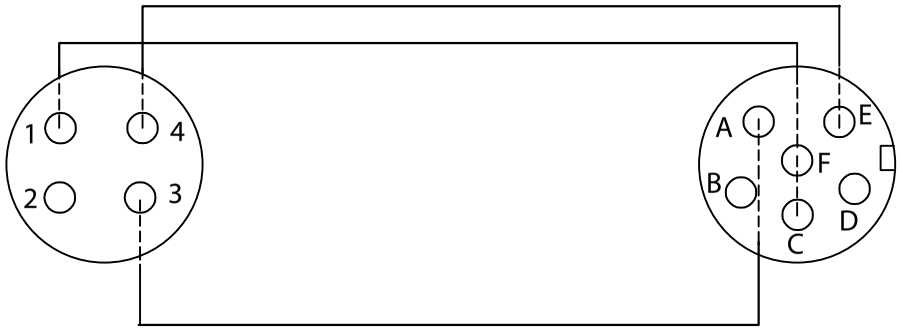
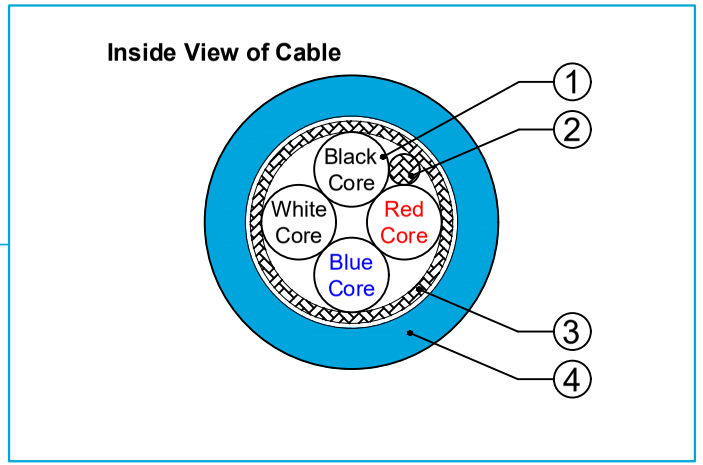
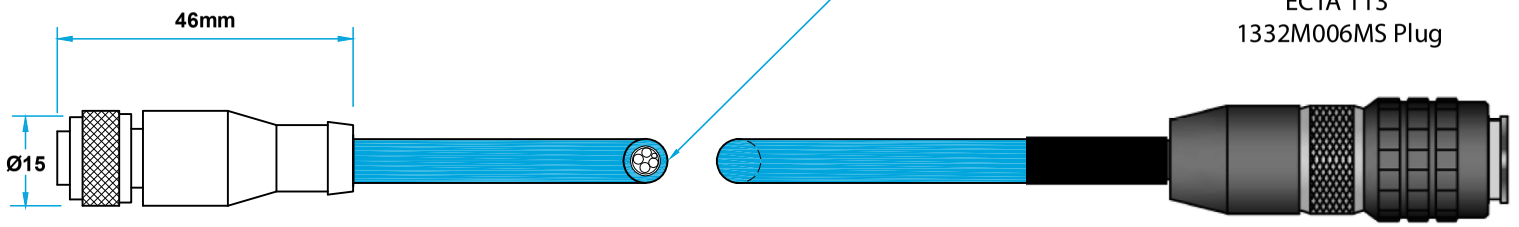
Connection Details of Cable Assembly





M12 4 pole
straight connector



ECTA 113
1332M006MS Plug

Materials of Cable: C01-001 PUR cable				
Pos	**Description**	**Dimension**	**Overall Diameter**	**Remarks**
1.	Tin plated copper conductor Halogen free, flame retardant insulation (RN 2219)	22 AWG 0,20	0,76 1,16	19 x 0,16 (0,34mm²)
2.	Drain wire of tin plated copper	26 AWG	0,48	19 x 0,10 (0,16mm²)
3.	Wrapped aluminium polyester foil screen		3,0	
4.	Jacket of PUR, Blue	1,15	5,3 ± 0,2	Jacket colour should approximate RAL 5019

Technical Data of Cable		
Technical Data	**Values at 20°C**	**Unit**
Conductor resistance	Max: 53,1	Ω / km
Insulation resistance	>1500	MΩ x km
Test voltage	3	KV DC
Voltage rating	600	V AC
Capacitance	Core- opposite core: 139	nF / km
	Core- adjacent core: 145	
	Core-screen: 240	
Impedance	Core- opposite core: 48	Ω
	Core- adjacent core: 44	
	Core-screen: 20	
Radiation tolerance	4 x 10 ^5	Gy
Weight	38	g / m
Temperature rating	-40 / +90	°C
Core current rating	Max: 6	Amps at 40°C ambient air temp.

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