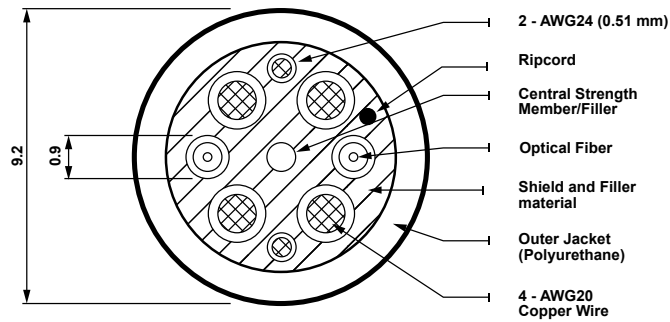




Cable Datasheet

opticalCON® DUO ADVANCED SMPTE



Technical Data Cables

Number of Fibers	2	
Fiber Type	Single-mode	
Fiber standard	G.657A1	
Core Diameter	9.5 μm	
Cladding Diameter	125 μm	
Primary Coating Diameter	245 μm	
Fiber Buffer tube Diameter	900 μm	
Numerical Aperture	-	
Proof Test Level	100 kpsi	
Wavelength	1310 nm	1550 nm
Gigabit Ethernet Distance	-	
Attenuation	0.5 dB/km	0.5 dB/km
Bandwidth	-	
Nominal Dispersion Slope	0.092 ps/(nm ² -km)	
Refraction index	1.468	1.468
Cable Surface	Black Matt	
Jacket material	Polyurethane	
Cable Weight	120 kg/km	
Cable Diameter	9.2 mm	
Installation:		
Max. Tensile Load	700 N	
Min. Bend Radius	92 mm	
Operation:		
Max. Tensile Load	700 N	
Min. Bend Radius	92 mm	
Impact Resistance	-	
Crush Resistance	-	
Number of Conductors	6	
Nominal Core OD	4 x AWG 20 (Power)	2 x AWG 24 (Control)
Conductor resistance	37.5 Ω/km	113 Ω/km
Operation Temperature	-40°C to +75°C	
Storage Temperature	-55°C to +85°C	
Bend optimized	Yes	
Laser optimized	No	

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