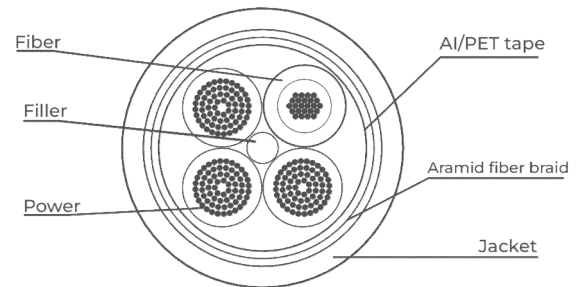
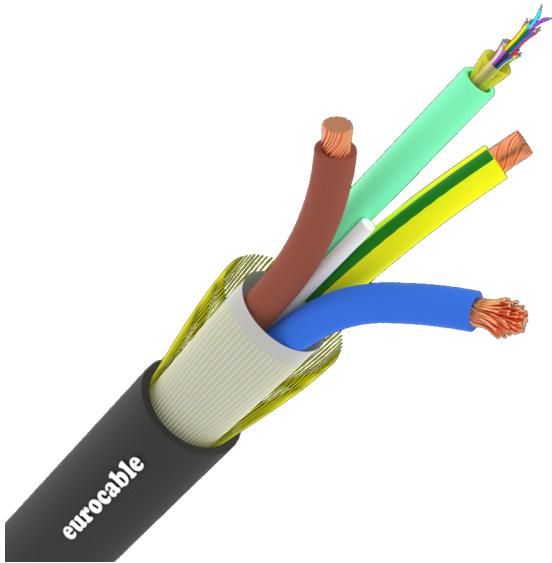


12 Single-Mode + 12 Multi-Mode Fibre Optic + 3 x 12 AWG Power Hybrid Cable

Item Code: 1E00345

CVS LKFO12S12M 12/3



General Data	
Cable O.D. (mm)	15.5
Mechanical Data	
Max Operating Temperature (°C)	80
Min Operating Temperature (°C)	-15
Bending Radius (xO.D.)	11
Conductor	
Inner Sheat	LSZH
Fiber	
Single-Mode Cores	12
Multi-Mode Cores	12
Dielectric	
Under Jacket Strength Element	Aramid Fiber
Conductor - Power	
Material	Bare copper
Area (mm <sup>2</sup> )	2.5
AWG	12
Insulation - Power	
Material	PVC Compound
Jacket - Fiber	
Cable O.D (mm)	3.5
Jacket	
Material	PVC Compound
Color	Black
Electrical Data	
Rated Voltage (Vac)	600

#### Electrical Data - Multi-Mode

Attenuation @ 850 nm (dB/km)	3.0
Attenuation @ 1300 nm (dB/km)	1.5
Core-Clad Concentricity ( $\mu\text{m}$ )	$\leq 1.5$
Cladding Diameter ( $\mu\text{m}$ )	$125.0 \pm 1.0$
Cladding Non-Circularity (%)	$\leq 2.0$
Coating Diameter ( $\mu\text{m}$ )	$245 \pm 10$

#### Electrical Data - Power

Max Conductor DCR (ohm/km)	5.43
Test Voltage (Vac)	2000

#### Electrical Data - Single-Mode

Attenuation @ 1310 nm (dB/km)	0.4
Attenuation @ 1550 nm (dB/km)	0.3
Core-Clad Concentricity ( $\mu\text{m}$ )	$\leq 0.5$
Cladding Diameter ( $\mu\text{m}$ )	$125 \pm 1$
Cladding Non-Circularity (%)	$\leq 0.8$
Coating Diameter ( $\mu\text{m}$ )	$245 \pm 5$

#### Standards and Compliance

Standard reference	EN 50363 IEC 60228
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