

# Hybrid Optical Cable

The new CVS LKFO4SM 8/5 hybrid cable features 4 strands of Single-mode Optical Fibre (SMF) (9/125) and 5 conductors of 10mm<sup>2</sup>. Specifically designed for live entertainment and broadcast events, this addition to the **eurocable** line by Link offers users the unique ability to deliver power and any kind of signal for extended distances in harsh environments.

When coupled with Link's new LKO hybrid expanded beam style connector, setup time is reduced and reliability in the field is greatly improved. Designed with tactical characteristics, the LKFO4SM 8/5 cable is cut/abrasion resistant and can also be terminated to conventional fan-in/out on request.

By leveraging the optical, mechanical, and electrical expertise of our team, Link provides our clients with configurable solutions for the transport of power, Ethernet, audio, video, DMX, and GPI/O. With the addition of the DGLink mux/demux modules, we can provide up to 72 optical channels at 10Gps each.

Best Product at LDI Las Vegas



MAX CURRENT CAPACITY PER CABLE LENGTH				
Ampacity (each phase)	32A	25A	16A	10A
Max length (m) Δu=4%	140m	180m	280m	450m

CE

MOBILE

JACKET COLOR  

FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50226-2

CVS LKFO4SM 8/5

ELECTRICAL DATA		Power	Single mode optical fiber
D.C.R. at 20°C		< 2.14 ohm/Km at 20°C	-
Operating Voltage		0.6/1KV	-
Test Voltage		2000 Vca x 1' cond/cond	-
Attenuation		-	< 0.4 dB/Km at 1300 nm
		-	< 0.25 dB/Km at 1550 nm
GENERAL DATA			
Cable	O.D.	21.00 mm	
	Weight Kg/100m	84.75	
	Minimum Bending Radius	11 x O.D.	
Overall Jacket	Material	PVC	
	Color	Black	
Internal Jacket	Material	-	PVC
	Quantity	5	4 (+2)
Conductor	Area/AWG	10 mm <sup>2</sup> /8	
	Fillers	-	
	Strand/Structure	Fiber type	Aramid fibers
	Material		OS2 9/125 μM
		Annealed red copper	Tight Nylon 250 μM
		Flame resistant PVC insulated	

**Snakes**

SNKO 32T4 S \* M B

\* Length    M Meters