

FIBRE OPTIC - LOOSE TUBE INDOOR/OUTDOOR

Universal Grade Cable - Zero Halogen, Waterproof.

Stranded loose tube design construction.

Up to 12 individually coloured primary coated fibres contained within a gel filled loose tube. Six such tubes are stranded around a non metallic strength member and lapped with water blocking tape. A black polythene inner sheath forms the final moisture barrier with a blue outer sheath of LSF/OH material.

WEIGHT & DIMENSIONS

NUMBER OF FIBRES	NOMINAL OVERALL DIAMETER MM	NOMINAL WEIGHT KG/KM	MINIMUM BENDING RADIUS (mm)		MAXIMUM INSTALLATION TENSION (N)
			Unloaded	Installation	
2-16	8.0	60	115	100	1000
16-24	11.0	83	135	100	1000
			150	225	2500

OPTICAL FIBRES

FIBRE TYPE	SINGLE MODE 9/125	MULTI MODE 50/125	MULTI MODE 62.5/125 FDDI
Core Dia	8.8-9.60µm	50	62.5
Cladding Dia	125	125	125
Attenuation			
-850 nm		<2.6dB/km	<3.0dB/km
-1310 nm	<0.40dB/km	<0.7dB/km	<0.8dB/km
-1550 nm	<0.30dB/km		
Bandwith			
-850 nm		>400 Mhz□km	>200 Mhz□km
-1300 nm		>800 Mhz□km	>600 Mhz□km
Dispersion			
-1285-1330 nm	<3.5ps/nm□km		
-1550 nm	<18ps/nm□km		
Numerical Aperture		0.200	0.275

Environmental Performance Interconnect / Patch cables.

Crush Resistance : 1000nm/cm
 Temperature range: -40°C to +60°C storage
 -20°C to +60°C operating
 -10°C to +60°C Installation

ORDERING INFORMATION

50/125 FIBRE		62.5/125 FIBRE		SINGLE MODE	
BATT PART NO	NO OF FIBRES	BATT PART NO	NO OF FIBRES	BATT PART NO	NO OF FIBRES
93067	4	93063	4	93048	4
93068	8	93064	8	93049	8
93069	12	93065	12	93050	12
93241	16	93066	16	93051	16
93243	24	93132	24	93052	24

Also available: 8/125 single mode

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