



PRODUCT DESCRIPTION

A high performance Low Smoke and Zero Halogen (LSZH) optical fibre cable combining the benefits of water swell and non-metallic armour technology for a cable which is faster and easier to install and terminate. This cable also meets stringent fire, smoke and toxicity requirements.

Flame Retardant Non-Metallic Armoured Optical Cable
144 fibres

Performance Parameters

Parameter	144F
Tensile load	2700N max
Bend Radius	
Static	212mm
Dynamic	318mm
Max Crush Resistance	3000N
Temperature Range	
Operational	-30°C to +60°C
Storage	-30°C to +60°C
Installation	-10°C to +60°C
Impact Resistance	30Nm
Sheath Print Abrasion	100 cycles
Stiffness	≤3Nm ²
Fire Performance	
Fire	LUL 2-.1001-002, IEC60332-3-24
Smoke	LUL 2-.1001-002,, IEC61034
Toxicity	LUL 2-.1001-002, IEC 60754

PRODUCT CHARACTERISTICS

CSM	Non metallic central strength member
Tube(s)	Gel filled containing upto 12 colour coded fibres
Binder	Water swellable
Armour	Layer water blocking glass yarn armour
Inner sheath	High performance LSZH
Tapes	Fire barrier tapes
Outer sheath	High performance LSZH

This cable is available in all standard singlemode and multimode fibre types.

Cable diameter	21.2mm
Nom cable weight	480kg/km

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