



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
 from 2 – 96 fibres (96f shown for illustrative purposes)

Performance Parameters

Parameter	24F	48F	96F
Bend Radius			
Static	125mm	125mm	137mm
Dynamic	188mm	188mm	206mm
Max Crush Resistance	3000N	3000N	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	

Cable diameter	12.5mm	12.5mm	13.7mm
Nom cable weight	149kg/km	171kg/km	171kg/km

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
Outer sheath	High performance LSZH

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

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.