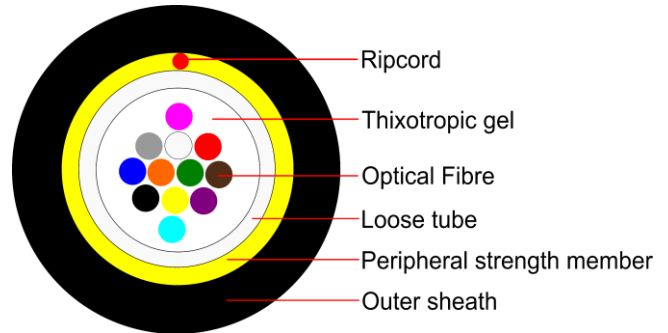


## LIGHTspeed Cable Multi Mode Duct 4 - 8 Fibre

LIGHTspeed Duct Cable is small in diameter, sheathed with a fire proof material optimised for indoor -drop and -network applications.

### Features

- Small diameter
- Thixotropic gel filled loose tube protects Fibre against expansion and contraction
- Aramid yarn strength member stranded around the loose tube
- Low Smoke Zero Halogen (LSZH) outer sheath
- Non-metallic construction ensures lightning immunity



### Application

- Indoor LAN
- Indoor drop application
- Suitable for indoor duct installations

### Cable Structure

- Mono tube design
- Thixotropic jelly filled loose tube
- Aramid yarn
- Low Smoke Zero Halogen (LSZH) outer sheath
- Ripcord laid beneath the inner sheath

### Cable Structure and Parameter

Item	Unit	Value	
Fibre Core		4	8
Tube diameter	mm	3.0	3.0
Fibre per tube		4	8
Cable diameter	mm $\pm 5\%$	6.0	6.0
Cable weight	Kg/km	40	40
Fibre type		G651 – OM2	
Installation tensile resistance		1.2 times 1km cable weight, not less than 1200N	
Short term crush	N/100mm	1000	
Life expectancy		25 Years	
Min Bend radius for installation	Static	20 x OD	
	Dynamic	20 x OD	
Temperature Performance range		-20°C to +70°C	

### Characteristic of Optical Fibre

Attenuation Limits for Individual Fibres		
	Attenuation at 850nm	≤ 2.3 dB/km
	Attenuation at 1300nm	≤ 0.6 dB/km
Glass Geometry		
	Core/Cladding Concentricity Error	≤ 1.5 µm
Coating Geometry		
	Coting/Cladding Concentricity Error	≤ 10.0 µm

### Colour code for Fibre and Tube

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

### Ordering Information

Product Code	Description
MEGALSCMAD004	LIGHTspeed Cable Multi Mode Duct 4 Fibre
MEGALSCMAD008	LIGHTspeed Cable Multi Mode Duct 8 Fibre

V 2019/06

