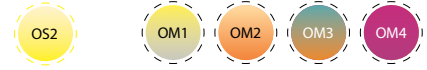
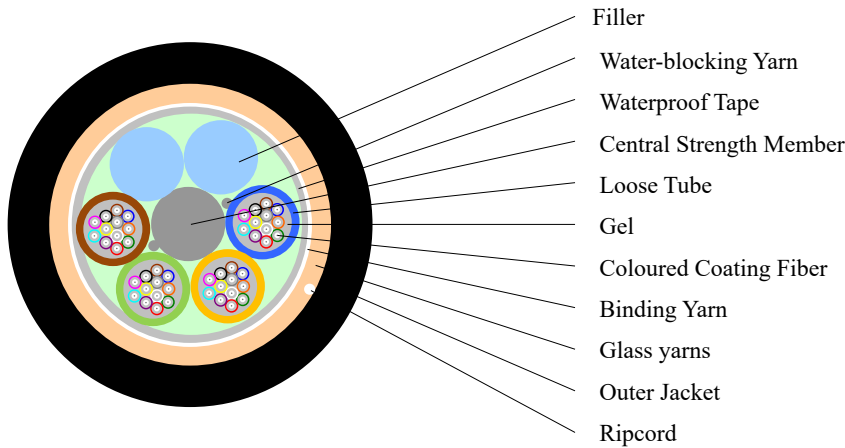


Aston's glass yarn armoured multi-loose-tube cables offer up to 144 fibers. The range offers enhanced rodent protection and mechanical properties. Aston's glass yarn armoured multi-loose-tube cables are suitable for high fiber count internal/external duct and internal cable tray installations in building and campus backbone applications. PE jacket version also available.



### Profile:



### Features:

- ✓ To 144 fibre counts – color coded according to TIA-598-C
- ✓ Customisable fibre selection including single-mode, multimode and hybrid versions
- ✓ Multi gel-filled loose-tubes to block the ingress of water
- ✓ Glass yarn armouring in the form of high-tensile yarns to offer strength and basic rodent protection
- ✓ Available in a range of sheath materials to suit a variety of installation environments
- ✓ Construction Products Regulation (CPR) Compatible Dca
- ✓ Included in the Aston 25-Year System Warranty when used in conjunction with Aston's connectivity.

	SPECIFICATIONS		
	24/48/72	96	144
<b>Fibres</b>	24/48/72	96	144
<b>Central Tube (mm)</b>	2.3 (+/-0.10)		
<b>Strength members</b>	2.5mm FRP		
<b>Outer jacket</b>	LSZH/LDPE		
<b>Colour</b>	BLACK		
<b>Weight (Kg/Km)</b>	65/85/120	160	180
<b>Outer (mm)</b>	10.6 (+/-0.5)	11.8 (+/-0.5)	15.2 (+/-0.5)
<b>Tensile Load Perm / Inst (N)</b>	1000/1800		
<b>Crush (N)</b>	2000		
<b>Temperature Range</b>	-40° C to +70° C		
<b>Min. Bending Radius</b>	20 x Outer Dia.		
<b>Fibre Diameter</b>	250um (+/- 15um)		
<b>Maximum Length (m)</b>	4000/2000/2000	2000	2000

### STANDARDS

**Applicable Cable Standards:** ISO/IEC 11801, IEC 60794 and BS EN 50173-1

**Test Standards:** IEC 60794-1-21 and IEC 60794-1-22

**Water Penetration:** IEC 60794 -1-22-F5C





# FIBRE PRODUCT DATASHEET

## Multi Loose Tube Fibre Cable to 144 Core

### ORDERING INFORMATION

Part Number	Description	No. of Fibres
OFCOS2MLT24LS	Optical Fibre Cable OS2 Multi Loose Tube 24 Core LSZH	24
OFCOS2MLT48LS	Optical Fibre Cable OS2 Multi Loose Tube 48 Core LSZH	48
OFCOS2MLT72LS	Optical Fibre Cable OS2 Multi Loose Tube 72 Core LSZH	72
OFCOS2MLT96LS	Optical Fibre Cable OS2 Multi Loose Tube 96 Core LSZH	96
OFCOS2MLT144LS	Optical Fibre Cable OS2 Multi Loose Tube 144 Core LSZH	144
OFCOM3MLT24LS	Optical Fibre Cable OM3 Multi Loose Tube 24 Core LSZH	24
OFCOM3MLT48LS	Optical Fibre Cable OM3 Multi Loose Tube 48 Core LSZH	48
OFCOM3MLT72LS	Optical Fibre Cable OM3 Multi Loose Tube 72 Core LSZH	72
OFCOM3MLT96LS	Optical Fibre Cable OM3 Multi Loose Tube 96 Core LSZH	96
OFCOM3MLT144LS	Optical Fibre Cable OM3 Multi Loose Tube 144 Core LSZH	144
OFCOM4MLT24LS	Optical Fibre Cable OM4 Multi Loose Tube 24 Core LSZH	24
OFCOM4MLT48LS	Optical Fibre Cable OM4 Multi Loose Tube 48 Core LSZH	48
OFCOM4MLT72LS	Optical Fibre Cable OM4 Multi Loose Tube 72 Core LSZH	72
OFCOM4MLT96LS	Optical Fibre Cable OM4 Multi Loose Tube 96 Core LSZH	96
OFCOM4MLT144LS	Optical Fibre Cable OM4 Multi Loose Tube 144 Core LSZH	144
OFCOS2MLT24LS	Optical Fibre Cable OS2 Multi Loose Tube 24 Core PE	24
OFCOS2MLT48LS	Optical Fibre Cable OS2 Multi Loose Tube 48 Core PE	48
OFCOS2MLT72LS	Optical Fibre Cable OS2 Multi Loose Tube 72 Core PE	72
OFCOS2MLT96LS	Optical Fibre Cable OS2 Multi Loose Tube 96 Core PE	96
OFCOS2MLT144LS	Optical Fibre Cable OS2 Multi Loose Tube 144 Core PE	144
OFCOM3MLT24LS	Optical Fibre Cable OM3 Multi Loose Tube 24 Core PE	24
OFCOM3MLT48LS	Optical Fibre Cable OM3 Multi Loose Tube 48 Core PE	48
OFCOM3MLT72LS	Optical Fibre Cable OM3 Multi Loose Tube 72 Core PE	72
OFCOM3MLT96LS	Optical Fibre Cable OM3 Multi Loose Tube 96 Core PE	96
OFCOM3MLT144LS	Optical Fibre Cable OM3 Multi Loose Tube 144 Core PE	144
OFCOM4MLT24LS	Optical Fibre Cable OM4 Multi Loose Tube 24 Core PE	24
OFCOM4MLT48LS	Optical Fibre Cable OM4 Multi Loose Tube 48 Core PE	48
OFCOM4MLT72LS	Optical Fibre Cable OM4 Multi Loose Tube 72 Core PE	72
OFCOM4MLT96LS	Optical Fibre Cable OM4 Multi Loose Tube 96 Core PE	96
OFCOM4MLT144LS	Optical Fibre Cable OM4 Multi Loose Tube 144 Core PE	144