

## Dry Multi Loose Tube (24-144 Fibres)

### Description

The up to 12 element internal/external multi loose tube cable construction consists of up to 144, 250 µm optical fibres in 12 fibre waterblocked dry loose tubes with fillers where appropriate. The tubes are SZ stranded around an LSZH jacketed fibre reinforced plastic (FRP) central strength member with waterswellable threads and waterswellable tape. Helically applied waterblocking E-glass or aramid non-metallic strength members with ripcord and LSZH jacket.

### Features/Benefits

- ▶ **Colour coded fibres**
- ▶ **Compact 250µm dry loose tube construction**
- ▶ **E-glass yarn for rodent resistance**
- ▶ **LSZH jacket option for optimised fire performance**

### Applications

- ▶ **Ideal for internal/external duct applications**
- ▶ **Suitable for one or both end pre-termination**

### Technical Specifications

DESCRIPTION		24 to 60 CORE	72 CORE	96 CORE	144 CORE
Outer Diameter	mm	9.6 ±0.4	10.3 ±0.4	11.5 ±0.4	14.2 ±0.4
Weight	kg/km	96	104	127	190
Max. Load (installation)	N	1500	1500	1500	1500
Max. Load (installed)	N	600	600	600	600
Min. Bend Radius (installation)	mm	190	206	230	280
Min. Bend Radius (installed)	mm	95	103	115	140
Fire Performance		LSZH	LSZH	LSZH	LSZH
Operating Temp.	°C	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	2000	2000	2000	2000

### Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1 E-Glass	OM1MDLTE***UOR
OM1 Aramid	OM1MDLTA***UOR
OM2 E-Glass	OM2MDLTE***UOR
OM2 Aramid	OM2MDLTA***UOR
OM3 E-Glass	OM3MDLTE***UAQ
OM3 Aramid	OM3MDLTA***UAQ
OM4 E-Glass	OM4MDLTE***UAQ
OM4 Aramid	OM4MDLTA***UAQ
OS1/OS2 E-Glass	OS1MDLTE***UYE
OS1/OS2 Aramid	OS1MDLTA***UYE

Where \*\*\* is the fibre count between 24 & 144

