

## Multi Loose Tube CST Fibre Optic Cable (24-144 Fibres)

The multi loose tube cable construction consists of up to up to 12 elements and a maximum of 144, 250 µm optical fibres in 12 fibre gel filled loose tubes with fillers where appropriate, SZ stranded around a jacketed Fibre Reinforced Plastic (FRP) central strength member with waterswellable threads and waterswellable tape. Helically applied waterblocking e-glass non metallic strength members with ripcord. Corrugated Steel Tape (CST) armouring and black High Density Polyethylene (HDPE) or Low Smoke Zero Halogen (LSZH) jacket.

### Features/Benefits

- > Choice of fibre type
- > Colour coded fibres
- > High water resistant
- > High crush resistant
- > PE / LSZH jacket

### Applications

- > Suitable for external & aerial applications

### Technical Specifications

DESCRIPTION		24 TO 60-CORE	72-CORE	96-CORE	120-CORE	144-CORE
Outer Diameter	mm	12.0 ±0.4	12.6 ±0.4	14.1 ±0.4	15.6±0.4	17.1 ±0.4
Weight	kg/km	166	173	207	243	284
Max. Load (installation)	N	1500	1500	1500	1500	1500
Max. Load (installed)	N	600	600	600	600	600
Min. Bend Radius (installation)	mm	240	252	280	320	340
Min. Bend Radius (installed)	mm	120	126	140	160	170
Operating Temp.	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	3000	3000	3000	3000	3000

### Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1 PE	OM1MLTSTA***PBK-C/Z
OM1 LSZH	OM1MLTSTA***UBK-C/Z
OM2 PE	OM2MLTSTA***PBK-C/Z
OM2 LSZH	OM2MLTSTA***UBK-C/Z
OM3 PE	OM3MLTSTA***PBK-C/Z
OM3 LSZH	OM3MLTSTA***UBK-C/Z
OM4 PE	OM4MLTSTA***PBK-C/Z
OM4 LSZH	OM4MLTSTA***UBK-C/Z
OS1/OS2 PE	OS1MLTSTA***PBK-C/Z
OS1/OS2 LSZH	OS1MLTSTA***UBK-C/Z

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

