

Multi Loose Tube Double Jacket Cable (24-144 Fibres)

The multi loose tube cable construction consists of up to 12 elements and a maximum of 144, 250µm optical fibres in 12 fibre gel filled loose tubes with fillers where appropriate, SZ stranded around a fibre reinforced plastic (FRP) central strength member with waterswellable threads and waterswellable tape. Helically applied waterblocking e-glass non-metallic strength members with ripcord and PE inner jacket, corrugated steel tape (CST) armouring and black high density polyethylene (HDPE) final jacket with ripcord.



Features

- Choice of fibre type
- Colour coded fibres
- High water resistance

Applications

- Suitable for external applications in ducts or for direct burial

Specification

DESCRIPTION		24 to 60-CORE	72-CORE	96-CORE	120-CORE	144-CORE
Outer Diameter	mm	14.0 ±0.5	14.6 ±0.5	16.1 ±0.5	17.6 ±0.5	19.1 ±0.5
Weight	kg/km	210	219	257	298	343
Max. Load (installation)	N	1500	1500	1500	1500	1500
Max. Load (installed)	N	600	600	600	600	600
Min. Bend Radius (installation)	mm	280	290	320	350	380
Min. Bend Radius (installed)	mm	140	145	160	175	190
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	4000	4000	4000	4000	4000

Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1	OM1LTDST***PBK-C
OM2	OM2LTDST***PBK-C
OM3	OM3LTDST***PBK-C
OM4	OM4LTDST***PBK-C
OS1/OS2	OS1LTDST***PBK-C

Where ** is the fibre count between 24 & 144

Technical Drawing

