

Dual Sheath Single Loose Steel Tape Armoured (PSP)

2 to 24 fibre OM1, OM2, OM3, OM4 multimode or OS1/OS2 singlemode 250 µm single loose tube metallic armoured external duct and direct burial double jacket cables with E-glass strength members, and polyethylene (PE) jacket

The single loose tube cables consist of 2 to 24, 250 µm optical fibres in a single gel filled loose tube with helically applied E-glass non metallic strength members, ripcord and Polyethylene (PE) inner jacket. Corrugated Steel Tape (CST) armouring and High Density Polyethylene (HDPE) outer jacket.

Applications

- > Suitable for external duct and direct burial applications
- > Suitable for environments where impact and crush protection is required

Features

- > Choice of fibre types
- > Colour coded fibres
- > Dual jackets and CST armouring for optimised impact and crush resistance
- > Compact 250 µm loose tube construction
- > Double PE jackets for environmental protection and water permeation resistance

Technical Specification

DESCRIPTION		2-CORE PE	4-CORE PE	6-CORE PE	8-CORE PE	12-CORE PE	16-CORE PE	24-CORE PE
Outer Diameter	mm	10.2 ±0.4	10.2 ±0.4	10.2 ±0.4	10.2 ±0.4	10.2 ±0.4	10.9 ±0.4	10.9 ±0.4
Weight	kg/km	127	127	127	127	127	135	135
Max. Load (Short Term)	N	1000	1000	1000	1000	1000	1000	1000
Max. Load (Long Term)	N	500	500	500	500	500	500	500
Min. Bend Radius (Loaded)	mm	20D	20D	20D	20D	20D	20D	20D
Min. Bend Radius (Installed)	mm	10D	10D	10D	10D	10D	10D	10D
Operating Temp.	°C	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temp.	°C	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Installation Temp.	°C	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70
Max Crush Resistance	N/100mm	3000	3000	3000	3000	3000	3000	3000

Ordering Information

DESCRIPTION	OM1 62.5/125µm MULTIMODE	OM2 50/125µm MULTIMODE	OM3 50/125µm MULTIMODE	OM4 50/125µm MULTIMODE	OS1/OS2 9/125µm SINGLEMODE
	Part NO.	Part NO.	Part NO.	Part NO.	Part NO.
2-Core	OM1LTSTA02PSPBK	OM2LTSTA02PSPBK	OM3LTSTA02PSPBK	OM4LTSTA02PSPBK	OS1LTSTA02PSPBK
4-Core	OM1LTSTA04PSPBK	OM2LTSTA04PSPBK	OM3LTSTA04PSPBK	OM4LTSTA04PSPBK	OS1LTSTA04PSPBK
6-Core	OM1LTSTA06PSPBK	OM2LTSTA06PSPBK	OM3LTSTA06PSPBK	OM4LTSTA06PSPBK	OS1LTSTA06PSPBK
8-Core	OM1LTSTA08PSPBK	OM2LTSTA08PSPBK	OM3LTSTA08PSPBK	OM4LTSTA08PSPBK	OS1LTSTA08PSPBK
12-Core	OM1LTSTA12PSPBK	OM2LTSTA12PSPBK	OM3LTSTA12PSPBK	OM4LTSTA12PSPBK	OS1LTSTA12PSPBK
16-Core	OM1LTSTA16PSPBK	OM2LTSTA16PSPBK	OM3LTSTA16PSPBK	OM4LTSTA16PSPBK	OS1LTSTA16PSPBK
24-Core	OM1LTSTA24PSPBK	OM2LTSTA24PSPBK	OM3LTSTA24PSPBK	OM4LTSTA24PSPBK	OS1LTSTA24PSPBK

