



## Dual Sheath Single Loose Steel Tape Armoured (PSP)

2 to 24 250µm fibre OM<sub>1</sub>, OM<sub>2</sub>, OM<sub>3</sub>, OM<sub>4</sub> multimode or OS<sub>1</sub>/OS<sub>2</sub> singlemode 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.

---

## Features

- 250 µm loose tube construction
- Available with various fibre types
- Double PE jackets for environmental protection and water permeation resistance
- Dual jackets and CST armouring for enhanced impact and crush resistance
- Color coded fibres

---

## Applications

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

## Specifications

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 Temperature	°C	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temperature	°C	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Installation Temperature	°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

		Fibre Type	Jacket Type		Fibre Count	
OFC-LSDP	9	G.652.D	2	PE	02	2
	1	OM1			...	...
	2	OM2			24	24
	3	OM3				
	4	OM4				

## Example order code

OFC-LSDP - 9 2 - 24

Double Jacket PSP Multi Loose Tube Cable STA Singlemode PE 24 Fibres

Technical Drawing

