

### Single Loose Tube STA Fibre Optic Cable (2-24 Fibres)

Optronics single loose tube corrugated steel tape armoured cables are constructed of 250µm fibres held in a gel filled central loose tube surrounded by water-blocking tape and corrugated, polyethylene laminated steel tape. The cable features two parallel steel wire strength members embedded in the PE / LSZH outer jacket.

#### Features/Benefits

- > Choice of fibre type
- > Colour coded fibres
- > High crush resistance
- > PE / LSZH jacket
- > High tensile strength

#### Applications

- > Suitable for external applications in ducts, aerial applications or direct burial

#### Technical Specifications

DESCRIPTION		2-12 CORE	14-24 CORE
Outer Diameter	mm	10.0 ±0.3	10.7 ±0.3
Weight	kg/km	106	122
Max. Load (installation)	N	1500	1500
Max. Load (installed)	N	600	600
Min. Bend Radius (installation)	Times diameter	20	20
Min. Bend Radius (installed)	Times diameter	10	10
Fire Performance		LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60
Storage Temp.	°C	-20~+60	-20~+60
Installation Temp.	°C	-20~+60	-20~+60
Crush Resistance	N/100mm	2000	2000

#### Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1 PE	OM1LTSTW**PBK-C
OM1 LSZH	OM1LTSTW**UBK-C
OM2 PE	OM2LTSTW**PBK-C
OM2 LSZH	OM2LTSTW**UBK-C
OM3 PE	OM3LTSTW**PBK-C
OM3 LSZH	OM3LTSTW**UBK-C
OM4 PE	OM4LTSTW**PBK-C
OM4 LSZH	OM4LTSTW**UBK-C
OS1/OS2 PE	OS1LTSTW**PBK-C
OS1/OS2 LSZH	OS1LTSTW**UBK-C

Where \*\* is the fibre count between 2 & 24

