



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

24 to 144 fibre, up to 12 elements, multi loose tube steel tape armoured cable. It consists of 250µm singlemode (G.652.D) or multimode (OM1/OM2/OM3/OM4) optical fibres in 12 fibre gel filled loose tubes SZ stranded around a Fibre Reinforced Plastic (FRP) central strength member, water swellable threads and tape. It features non-metallic aramid strength members, a ripcord and a double (inner/ outer) PE/HDPE jacket.

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### Features

- 250 µm loose tube construction
  - Corrugated steel tape armoring for high crush resistance
  - Double PE jacket
  - Available in various fibre types
  - Colour coded fibres
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### Applications

- External direct burial installations
- Applications that require water protection

## Specifications

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 Temperature	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	4000	4000	4000	4000	4000

## Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
	9	G.652.D	2	PE	24	24
<b>OFC-MLSD</b>	1	OM1			...	...
	2	OM2			144	144
	3	OM3				
	4	OM4				

## Example order code

OFC-MLSD	-	9	2	-	24
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Double Jacket Multi Loose Tube Cable STA Singlemode PE 24 Fibres

Technical Drawing

