



## Multi Loose Tube Double Jacket Cable (PKP)

Up to 144 250µm fibre Multi loose tube Double Jacket PKP optical cable. It consists of 5 to 12 12-fibre gel filled loose tubes SZ stranded around a Fibre Reinforced Plastic (FRP) central strength member with water swellable threads and tape. It comes with various singlemode (G.652.D) or multimode (OM1/OM2/OM3/OM4) fibre options. It has an inner PE jacket with a ripcord, non-metallic e-glass strength members and an outer HDPE jacket.

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### Features

- 250 µm loose tube
- Double PE jacket for environmental protection and water resistance
- Available with various fibre types
- Colour coded fibres

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### Applications

- External duct applications
- Applications that require high impact and crush resistance
- Applications that require environmental resistance

## Specifications

DESCRIPTION		4-CORE PE	8-CORE PE	12-CORE PE	16-CORE PE	24-CORE PE	48-CORE PE	72-CORE PE	96-CORE PE	144-CORE PE
Outer Diameter	mm	12.5 ±0.5	12.5 ±0.5	12.5 ±0.5	12.5 ±0.5	12.5 ±0.5	12.5 ±0.5	13.1 ±0.5	14.6 ±0.5	17.61 ±0.5
Weight	kg/km	110	110	110	110	110	110	122	150	216
Max. Load (Short Term)	N	2700	2700	2700	2700	2700	2700	2800	2900	3100
Max. Load (Long Term)	N	1300	1300	1300	1300	1300	1300	1500	1500	1600
Min. Bend Radius (Loaded)	mm	20D	20D	20D	20D	20D	20D	20D	20D	20D
Min. Bend Radius (Installed)	mm	10D	10D	10D	10D	10D	10D	10D	10D	10D
Storage Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Operating Temperature	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70
Max Crush Resistance	N/100mm	3000	3000	3000	3000	3000	3000	3000	3000	3000
Number of Elements		5	5	5	5	5	5	6	8	12

## Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
	9	G.652.D	2	PE	24	24
OFC-MLDK	1	OM1			...	...
	2	OM2			144	144
	3	OM3				
	4	OM4				

## Example order code

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

Technical Drawing

