



Double Jacket Direct Burial Cable (12 -144 Fibres)

12 to 144 250um fibre multi element, multi loose tube direct burial cable with corrugated steel tape armouring. It consists of 12 fibre gel filled loose tubes, SZ stranded around a fibre reinforced plastic central strength member with waterswellable threads and tape. It features an inner PE and an outer HDPE jackets with ripcords.

Features

- Offered with G.652.D, G. 655 or G.656 fibre types
- Robust cable construction
- Single layer stranded construction (up to 144 fibres) Corrugated steel tape as protection against rodents and mechanical damage
- Enhanced tensile strength with the use of dielectric central strength member
- Offered with inner and outer PE jackets
- Wrapped in water blocking tape

Applications

- Direct burial applications
- Applications high mechanical loads
- Applications that require rodent protection

Specifications

DESCRIPTION		A-DQ(ZM)								
		(SR)2Y 12	(SR)2Y 24	(SR)2Y 36	(SR)2Y 48	(SR)2Y 60	(SR)2Y 72	(SR)2Y 96	(SR)2Y 120	(SR)2Y 144
Maximum Fibre Count	Cores	12	24	36	48	60	72	96	120	144
Cable Diameter	Mm	14.7	14.7	14.7	14.7	14.7	14.7	16.2	17.8	19.5
Cable Weight	kg/km	195	195	195	195	195	195	235	280	325
Max. Tensile Load during installation	N	2700	2700	2700	2700	2700	2700	2700	2700	2700
Fibres per loose buffer tube		12	12	12	12	12	12	12	12	12
Number of loose buffer tube		1	2	3	4	5	6	8	10	12
Number of stranding elements		6	6	6	6	6	6	8	10	12
Min. Bend Radius		20 x cable outer diameter (during laying and installation)			17.5 x cable outer diameter (installed)					
Installation Temperature Range	°C	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50	-5~+50
Operation Temperature Range	°C	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70
Transportation Temperature Range	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70

Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
	9	G.652.D	2	PE	24	24
OFC-MLDB	55	G.655		
	56	G.656			144	144

Example order code

OFC-MLDB - 9 2 - 24

Double Jacket Multi Loose Tube Cable Direct Burial Singlemode PE 24 Fibres

Technical Drawing

