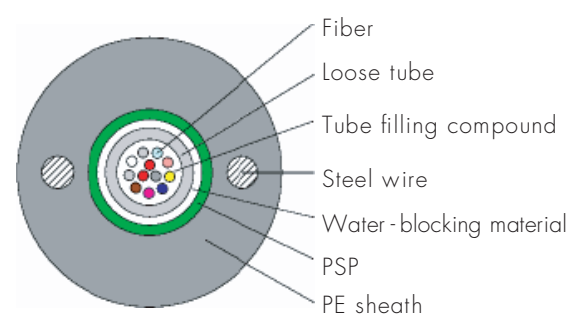


Unitube Light-armored Cable



Part Number
 D1 - OUA - NN - Xn
 NN: Fiber Number
 Xn: Fiber Type (For Example ~06 is 62.5/125 μm; 05 is 50/125 μm; 09 is 9/125 μm)

Description
 The fibers, 250 μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.



- Characteristics
- Good mechanical and temperature performance
 - High strength loose tube that is hydrolysis resistant
 - Special tube filling compound ensure a critical protection of fiber
 - Crush resistance and flexibility
 - PSP enhancing moisture-proof
 - Two parallel steel wires ensure tensile strength
 - Small diameter, light weight and friendly installation
 - Long delivery length

Optical Characteristic

	G.652	G.655	50/125μm	62.5/125 μm
Attenuation (+20° C)	@850nm		≤ 3.0dB/km	≤ 3.0dB/km
	@1300nm		≤ 1.0dB/km	≤ 1.0dB/km
	@1310nm	≤ 0.36dB/km	≤ 0.40dB/km	
	@1550nm	≤ 0.22dB/km	≤ 0.23dB/km	
Bandwidth	@850nm		≥500 MHz.km	≥200 MHz.km
	@1300nm		≥1000 MHz.km	≥600MHz.km

Mechanical Characteristic

Part Number (increased by 2 fibers)	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Bending Radius Dynamic/Static mm	Tensile Strength Long/Short N	Crush Resistance Long/Short N/100mm
D1-OUA-2~12-Xn	2~12	10.6	147	106/212	1500/3000	1500/3000
D1-OUA-14~24-Xn	14~24	12.5	170	125/250	1500/3000	1500/3000
D1-OUA-26~36-Xn	26~36	14.0	185	140/280	1500/3000	1500/3000
D1-OUA-38~48-Xn	38~48	15.0	200	150/300	1500/3000	1500/3000

Storage, Transport, Operating Temperature - 20° C ~ + 60° C