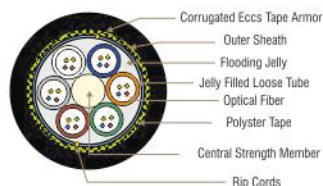


MULTI TUBE ARMORED OFC (12F to 96F)

Characteristic:

- 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
- The following measures are taken to ensure the cable watertight:
 - Steel wire used as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - Water-blocking material



Optical Characteristics

Type		ARM/MLT/SM	ARM/MLT/MM50	ARM/MLT/MM625
Attenuation($\pm 20^{\circ}\text{C}$)	@850nm		50/125 μm	625/125 μm
	@1300nm		$\leq 0.30\text{dB/km}$	$\leq 0.30\text{dB/km}$
	@1310nm	$\leq 0.36\text{dB/km}$	$\leq 1.0\text{dB/km}$	$\leq 1.0\text{dB/km}$
	@1550nm	$\leq 0.22\text{dB/km}$		
Bandwidth(Class A)	@850nm		$\geq 500\text{MHz}\cdot\text{km}$	$\geq 200\text{MHz}\cdot\text{km}$
	@1300nm		$\geq 1000\text{MHz}\cdot\text{km}$	$\geq 600\text{MHz}\cdot\text{km}$
Numerical Aperture			0.200 $\pm 0.015\text{NA}$	0.275 $\pm 0.015\text{NA}$
Cable Cut-off Wave Length		$\leq 1260\text{nm}$		

Optical Characteristics

Model	Fiber Count	Tubes	Fillers	Cable OD (mm)	Cable Weight kg/km	Tensile Strength Long Short Term	Crush Resistance Long Short Term N/100mm	Bending Radius Static/Dynamic mm
MLTARF3/3	6-12	3	3	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF4/2		4	2	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF6/0		6	0	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF6/0	24	6	0	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF4/2		4	2	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF4/4	48	4	4	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF8/0		8	0	10	100 $\pm 5\%$	1000	200N/CM	10D/20D
MLTARF8/0	96	8	0	12.5	165 $\pm 5\%$	1000	200N/CM	10D/20D

Environmental Characteristics

Storage Operating Temperature

-40 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$