



Specs and Techs: 12/10 MultiDuct

Applications:

- Suited to Direct Bury Installation.
- Can be installed in HDPE Pipe and Sub-Duct.
- Certified for FTTx deployment.

Construction	
Tubes:	The individual tubes are Co-extruded High-Density Polyethylene with a low coefficient of friction silicone layer.
Sheathing:	The sheathing is a High-Density Polyethylene with UV stabilization effective for 1 year of exposure.
Drum Length:	Each drum is shipped with an estimated 1000m. Length may vary by 0.1%. Otherwise Requested.

Mechanical Properties				
Construction	DUCT Diameter Nominal (mm)	MultiDuct Weight (kg/km)	Max Installation Load (N)	Bending Radius Long Term (mm)
2 Way	26 x 14	260	900	420
4 Way	26.4 x 26.4	455	1200	600
7 Way	38 x 34.8	900	1800	804

Tube Colours (TIA/EIA Standards)					
BLUE	ORANGE	GREEN	BROWN	GREY	WHITE
RED	BLACK	YELLOW	VIOLET	ROSE	AQUA

Mechanical Tests and Compliance Criteria		
Impact Resistance:	Test Method IEC 60794-1-2 Method E4	Compliance
Crush Resistance:	Test Method IEC 60794-1-2 Method E3	Compliance
Tensile Performance:	Test Method IEC 60794-1-2 Method E1	Compliance
Flexibility (Bend):	Test Method IEC 60794-1-2 Method E6	Compliance
Kink Resistance:	After 10 minutes no kinking shall occur.	Compliance
Friction Co-efficient:	The calculated friction co-efficient shall be less than 0.1	Compliance
Pressure Test:	Micro duct shall not burst.	Compliance
Chemical Resistance:	The duct shall withstand chemical treatment.	Compliance
Environmental Stress Cracking:	No cracks or ruptures shall be visible.	Compliance

13.8.2021