



# CENTRAL LOOSE TUBE CABLE

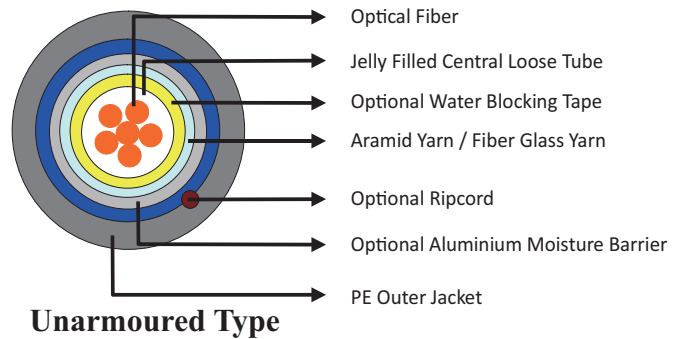
## ► Application

This cable is characterized by light weight and small diameter, suitable for both aerial and duct installation. The cable can also be used for direct burial for armoured option.

## ► Description

Central loose tube cable contains one tube with 2 - 24 fibers, which is filled with water blocking gel. Either aramid yarn or fiber glass is wound around the tube to provide physical protection and tensile strength. The cable can be jacketed with either PE or LSZH. PE is the preferred option in outdoor environment for water protection purpose. For direct burial, either steel wire armour or corrugated steel tape armour is applied with an optional inner jacket of either PVC, PE or LSZH. An Aluminium moisture tape can be incorporated under the jacket for water blocking and shielding purpose. A ripcord is located under the jacket to facilitate jacket removal.

## ► Construction

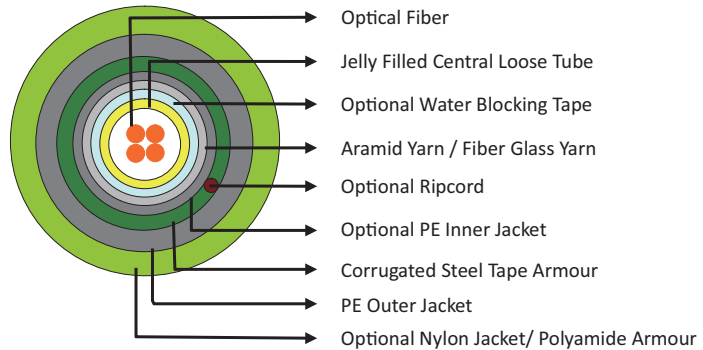


## ► Physical Properties

Fiber Count	Nominal Weight (kg/km)	Nominal Weight (lb/kft)	Nominal Outer Diameter (mm)	Nominal Outer Diameter (in)	Maximum Pulling/Tensile Load	
					Installation (N/lb)	In Service (N/lb)
2-12	60.0	40.27	7.5	0.296	1500/337	445/100
14-24	65.0	43.62	8.5	0.335	1500/337	445/100

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### ▶ Construction

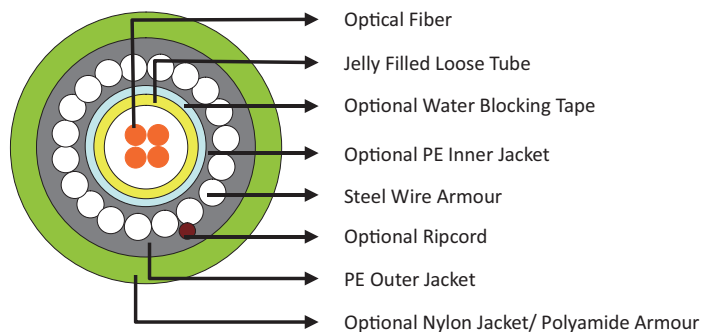


**Corrugated Steel Tape Armoured Type**

### ▶ Physical Properties

Fiber Count	Nominal Weight (kg/km)	Nominal Weight (lb/kft)	Nominal Outer Diameter (mm)	Nominal Outer Diameter (in)	Maximum Pulling/Tensile Load	
					Installation (N/lb)	In Service (N/lb)
2-12	125.0	83.89	10.5	0.414	2670/600	890/200
14-24	145.0	97.32	12.0	0.473	2670/600	890/200

### ▶ Construction



**Steel Wire Armoured Type**

### ▶ Physical Properties

Fiber Count	Nominal Weight (kg/km)	Nominal Weight (lb/kft)	Nominal Outer Diameter (mm)	Nominal Outer Diameter (in)	Maximum Pulling/Tensile Load	
					Installation (N/lb)	In Service (N/lb)
2-12	170.0	114.09	10.5	0.414	8000/1800	2650/595
14-24	245.0	164.43	12.0	0.473	8000/1800	2650/595

