

## Outdoor Dielectric/ Armored Outdoor

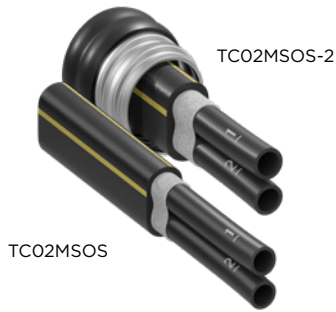
### Description:

These single and multi-tube cables are designed for use in creating tube cable infrastructures in outdoor environments where non-conductive elements are desired or required. The TOX & TOD series are for all normal OSP environments in duct and in direct buried applications below the frost line

The MSOS is designed for all normal OSP environments and in aerial or duct applications requiring enhanced thermal stability (i.e. on poles, refineries, industrial outdoor installations, or above frost lines/exposed to ambient air temperature changes).

### Features

- Dry tape waterblocked cable core
- Interlocked steel armor
- Cable length markings at 2 foot intervals
- Tube ID numbers marked at 2 inch intervals
- Meets TIA standards



TC02MSOS



TC04MSOS



TC07MSOS



TC19MSOS

Specifications	
Property	Specification
Operation Temperature Range	-40°F to +158°F (-40°C to +70°C) (ICEA 640)
Minimum Bend Radius (During Installation)	20x cable outside diameter
Minimum Bend Radius (After Installation)	10x cable outside diameter
Standard Reel Length	3,000 ft. (+30 ft./-0 ft.)
Maximum Reel Length	3,000 ft. (+30 ft./-0 ft.)
Metallic Elements	Bonding/Grounding Required
Inner Tube ID / OD	6mm / 8mm

Physical Characteristics						
Part Number	Description	Outside Diameter (in.)	Max Weight (lbs./kft.)	Max Tensile Load (lbs.)	Std Length	Max Length
TC02MSOS	Water-Blocked, Dielectric Tube Cable - Low shrink, with 4 yellow stripes; 2 tubes	0.81	90	200	3,000	3,000
TC02MSOS-2	Same as TC02MSOS with jacketed interlocked steel armor.	1.20	490	500	3,000	3,000
TC04MSOS	Water-Blocked, Dielectric Tube Cable with CM- Low shrink, with 4 yellow stripes; 4 tubes	0.94	146	200	3,000	3,000
TC04MSOS-2	Same as TC04MSOS with jacketed interlocked steel armor.	1.34	538	500	3,000	3,000
TC07MSOS-2	Same as TC07MSOS with jacketed interlocked steel armor.	1.54	874	600	3,000	3,000
TC07MSOS	Water-Blocked, Dielectric Tube Cable - Low shrink, with 4 yellow stripes; 7 tubes	1.14	203	400	3,000	3,000
TC12MSOS-2	Same as TC12MSOS with jacketed interlocked steel armor.	1.89	1,089	600	3,000	3,000
TC12MSOS	Water-Blocked, Dielectric Tube Cable - Low shrink, with 4 yellow stripes; 12 tubes	1.51	300	400	3,000	3,000
TC19MSOS-2	Same as TC19MSOS with jacketed interlocked steel armor.	2.20	1,653	600	3,000	3,000
TC19MSOS	Water-Blocked, Dielectric Tube Cable - Low shrink, with 4 yellow stripes; 19 tubes	1.77	444	600	3,000	3,000