MODEL

T10 & TX10

SEMIFLEX CABLE SERIES

Manufactured by: Times Fiber

Product Description

T10 & TX10 SEMIFLEX CABLE SERIES

The T10 and TX10 Semiflex Cable Series offer a number of product features which enhance product performance and system operation. Low D.C. Loop Resistance results in lower installed cost and lower annual powering costs.

Unjacketed
Jacketed
Messengered
Jacketed Burial
Armored (pictured)

Recommended for aerial applications in urban and coastal environments, feeder or underground applications and also where cable could be exposed to extensive mechanical abuse and rodent attack. T10 and TX10 cables are specified to consistently sweep to 1 GHz. Specifying 1 GHz bandwidth for rebuilds, upgrades, or new plant allows a system to handle future increasing capacity needs demanded by more channels, higher definition television and other emerging technologies.
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BEND RADIUS
Both T10 and TX10 cables exhibit reduced bend radii to easily accommodate vault and pedestal placement. T10 bend radius is approximately 8x the outside diameter of the cable while TX10 is approximately 9x the outside cable diameter.

BONDING
The bonded construction of semiflex cable begins at the center conductor to dielectric interface. Bonding serves as protection from moisture ingress and facilitates stripping of the dielectric without leaving a harmful residue. Continuing from the dielectric to the outer conductor, controlled bonding provides adhesion strength to -40 C, drastically reducing center conductor pull-outs due to extreme temperature changes. In addition, bonding improves handling and facilitates the use of standard connectors. Further bonding of the outer conductor to jacket prevents concealment of aluminum sheath damage, identifying problems before the cable is installed.
T10 and TX10 semiflex cables' unique bonded construction allows all components to operate together as a single unit. A fully bonded composite construction offers the benefits of increased pull strength and resistance to possible sidewall pressure damage during installation. Triple bonding also solves the instances of connector pull-outs, further reducing cable service problems after installaton.

FLOODING COMPOUND
Flooding compounds for semiflex cable comes in a cold flowing, self-healing form for underground installations as well as a non-dripping aerial application form. Flooding compounds are used as an additional layer of corrosion protection.
Where greater protection is required, TFC offers an armored construction. A flooded steel tape and jacket are layered over the standard flooded jacketed cable, increasing mechanical strength necessary for rodent protection and rocky soil.

1 GHz BANDWIDTH
T10 and TX10 are the **only cables which are specified to consistently sweep to 1 GHz. Specifying 1 GHz** bandwidth for rebuilds, upgrades or new plant allows a system to handle future increasing capacity needs demanded by more channels, higher definition television and other emerging technologies.

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