

Product Description

Tight Twist Distribution Frame Wire is necessary for the deployment of both xDSL and HI-CAP (T-1/HDSL) circuits within the distribution frames of central offices. This higher capacity frame wire is manufactured with a tight twist to minimize the impacts of electromagnetic interferences within this indoor environment. The Tight Twist Distribution Frame Wire is available in both 22 and 24 gauge sizes with a heavy duty flame retardant PVC insulation. Heavy duty in this application means a higher level of abrasion resistance, higher cut through and a higher temperature rating. The 22 AWG product is intended for use on main distribution frames (conventional type), while the 24 AWG is intended for use on COSMIC (Modular) distributing frames. The product is available in various put-ups.

Applications

- xDSL
- HI-CAP
- T-1/HDSL
- High stress use

Features

- 22 or 24 AWG solid tinned annealed copper
- Heavy duty, high temperature, high stress insulation
- Twisting sufficient to meet xDSL requirements

Benefits

- Facilitates solid connection for long wire runs
- Added protection for long wire runs
- Twist pattern sufficient for xDSL transmission level



Specifications

Conductor	Tinned copper
Insulation	Flame retardant PVC
Performance Compliance	ASTM B33 - Tinned Copper UL 444 CSA C22.2 No. 214-08 Applicable GR-136 Core requirement for high stress applications RoHS-compliant
NRTL Programs	UL, c(UL) Listed CM

Part Numbers and Physical Characteristics

Part Number	AWG (mm)	Insulation Color	Nominal Diameter in (mm)	Standard Length ft (m)	Package
112-212-T5	22 (0.6)	White/Green	0.08 (2.0)	3,000 (915)	Spool
112-216-T5	22 (0.6)	White/Green	0.08 (2.0)	3,000 (915)	Parallel cone
112-213-T5	24 (0.5)	Violet/Red	0.07 (1.8)	3,000 (915)	Spool
112-214-T5	24 (0.5)	Violet/Red	0.07 (1.8)	1,000 (305)	Spool
112-215-T5	24 (0.5)	Green/Red	0.07 (1.8)	1,000 (305)	Spool
112-217-T5	24 (0.5)	Violet/Blue	0.07 (1.8)	500 (152)	Spool
112-218-T5	24 (0.5)	Violet/Blue	0.07 (1.8)	1,000 (305)	Spool