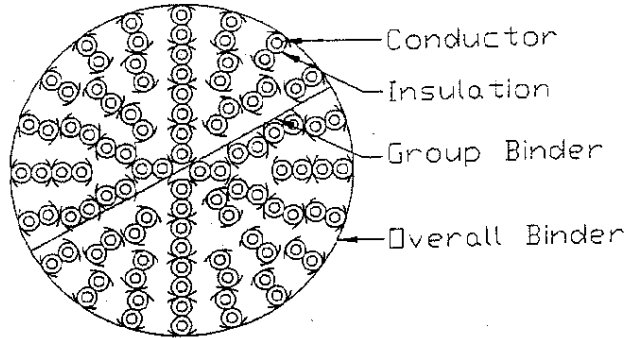


Quote: 20041087



Product Specification for 52-Paired Switchboard Cable Assembly and Central Office Wiring for POTS, T1 Fractional and ISDN Basic Rate Communication Cable.

Description: 52/Pairs #24 AWG Solid Bare Copper, Polyethylene Insulated, Overall Binder No Jacket.

A. Construction:

- 1.0 Pairs: Two Insulated Conductors
 - 1.1 Conductor: #24 AWG Solid Bare Copper; OD: .020" Nom.
 - 1.2 Insulation: .006" HD-Polyethylene; OD: .032" +/- .002"
 - 1.3 Color Code: See Table -I-
(Twisted at Varied Lay to Minimize Cross Talk)
- 2.0 Final Assembly: 52/Pairs Cabled in Two Groups of 26/prs. Left Hand Lay.
 - 2.1 Binders: Polypropylene (Loosely Applied)
OD: .450" nom.

B. Electrical Characteristics:

- 1.0 Conductor DCR: 26.8 Ohms/Mft Max.
- 2.0 Conductor DCR Unbalanced: 5% MAX
- 3.0 Insulation Resistance (min): 10,000 Megohms/Mile (Min. @ 20C)
- 4.0 Mutual Capacitance: 15.7 pF/ft Nom. (.083 μF/Mile Nom.)

C. Cable weight:

150.0 Lbs./KFT Nom.

SNC P/N: 21029T4 Rev. C			Helix/HiTemp Cables, Inc. 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122		
			Part Number: EO24P0521029		
			Title: 52/Pairs #24 AWG Telephone Cable Core		
			Drawn By: P. Facendola		
A	04/30/01	Spec released	Mktg Approval:	G. Tokatli	Date: 4/30/01
Rev	Date	Change Detail	Final Approval:	H. Van Der Meer	Page 1 of 2

TABLE - I

Group #1: 1-25/P + EP1 (B-W Binder)
 Group #2: 1-25/P + EP2 (O-W Binder)

- | | |
|--------------------|---------------------|
| P1: White, Blue | P14: Black, Brown |
| P2: White, Orange | P15: Black, Gray |
| P3: White, Green | P16: Yellow, Blue |
| P4: White, Brown | P17: Yellow, Orange |
| P5: White, Gray | P18: Yellow, Green |
| P6: Red, Blue | P19: Yellow, Brown |
| P7: Red, Orange | P20: Yellow, Gray |
| P8: Red, Green | P21: Violet, Blue |
| P9: Red, Brown | P22: Violet, Orange |
| P10: Red, Gray | P23: Violet, Green |
| P11: Black, Blue | P24: Violet, Brown |
| P12: Black, Orange | P25: Violet, Gray |
| P13: Black, Green | EP1: White, Red |
| | EP2: White, Black |

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