

FieldSmart Copper Cable Assemblies

Copper Cable Assemblies: Telco



Application

Copper telco assemblies connect a variety of equipment interfaces in carrier networks, private networks and customer premise environments.

They are used to transmit analog or digital data for communication applications. Our high-quality cables ensure the integrity of your data path.

Description

Clearfield 25/32-pair cables, terminated to 50/64-position RJ connectors, are manufactured to EIA/TIA standards. Our 25-pair Category 5 assemblies meet standards for data transmission up to 100Mbps.



Telco Copper Assemblies

Features & Benefits

- 100% electrically tested; 100% visually and mechanically inspected
- Meet or exceed EIA/TIA standards for data transmission
- Meet UL, CSA and NEC standards; RoHS and WEEE compliant
- 90°, 120° and 180° male or female interfaces available
- Octopus/Hydra assemblies available
- Stock and custom lengths available.
- Optional PVC and plenum jackets
- Custom pinouts available
- Serialization/labeling

25 pr / 50 pin assemblies plug into many types of gear. Please specify when ordering what gear, if known, the connectorized ends will be plugging into to ensure the proper screws are included with the assembly.

Clearfield maintains a copper connectivity library for various manufacturing of active equipment and can provide assembly information specific to your connectivity needs.

Ordering Guide

-----							Z - Z -		Z - Z - XXXXF or XXXXM	
1	2	3	4	5	6	7	8	9	A	B
1 Select cable			4 8 Select connectors *			7 B Select screw length ****				
1 = Cat 1 3 = Cat 3 5 = Cat 5 A = Cat 5e			B = Cat 5, male, 90 deg A = Cat 5, male, 180 deg E = Cat 5, male, 110 deg D = Cat 5, female, 90 deg F = Cat 3, male, 90 / 270 deg G = Cat 3, male, 180 degree K = Cat 5, Champ Sys 5, male, 90 / 270 deg H = Cat 3, female, 90 / 270 C = Cat 3, female, 180 deg I = Cat 3, male, 90 deg, shielded J = Cat 3, female, 90 deg, shielded Z = Blunt			1 = Standard screw 6 = 0.425" screw 5 = 0.75" screw 8 = 0.875" screw 2 = 1.00" screw 3 = 1.25" screw 4 = 1.50" screw 7 = 1.75" screw B = Bail locks Z = Not required				
2 Select cable type			5 9 Select cable exits **			XXXXM or XXXXF				
1 = Cat 5, 25 pr, 24 ga, PVC 2 = Cat 3, 25 pr, 24 ga, PVC, BC 3 = Cat 1, 25 pr, 24 ga, PVC, TC 5 = Cat 3, 25 pr, 24 ga, plenum, shielded 6 = Cat 3, 25 pr, 24 ga, plenum 7 = Cat 1, 25pr, 24 ga, PVC, shielded 8 = Cat 5, 25 pr, 24 ga, PVC, shielded 9 = Cat 5e, 25 pr, 24 ga, PVC A = Cat 5e, 25 pr, 24 ga, plenum B = Cat 5e, 25 pr, 24 ga, plenum, shielded D = Cat 5, 25 pr, 24 ga, PVC, blue			1 = 1 - 26 exit 2 = 25 - 50 exit Z = Not required			XXXXF = Length of pigtail in feet XXXXM = Length of pigtail in meters				
3 Select wiring configuration			6 A Select drain wire ***							
4 = 10 / 100 Base T 6 = Straight through 9 = Custom			1 = Yes - Need drain wire 0 = No - Do not need drain wire Z = N / A							
<p>* Cat 3 and Cat 5 connector notes: Cat 5 female connectors only come in 90 degree. The cable exit for must be 25-50. Cat 5 male connectors come in 90, 110 and 180 degree. The cable exit for the 90 degree must be 1-26. The 110 degree must be specified, 1-26 or 25-50. Cat 3 male and female connectors mainly come in 90 and 180 degrees. Standard cable exit for male 90 degree is 1-26. For a male 270 degree cable the exit needs to be 25-50. Standard cable exit for female 90 degree is 25-50. For a female 270 degree cable the exit needs to be 1-26.</p> <p>** Use option Z for 180 degree connectors. For additional cable exit details see above.</p> <p>*** Drain are only required for shielded connectors. For non-shielded connectors use option Z.</p>										

INSIDE PLANT