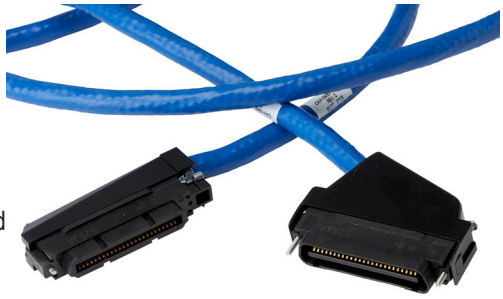
Copper
Telco Copper Cables

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 a variety of 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 5e assemblies meet standards for data transmission up to 100 mbps.

25 pair 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.

Features and Benefits

Integrity

- Meets or exceeds EIA/TIA standards for data transmission
- Meets UL, CSA, and NEC standards
- RoHS and WEEE compliant
- 100% visually and mechanically inspected
- 100% electrically tested

Protection

- Custom lengths MP 10/15/15 to minimize cable pile up
- Optional PVC and Plenum jackets available

Access

- 90°, 120°, and 180° male and female interfaces available
- Octopus/Hydra assemblies available

Investment

- MP 10/15/15
- Stock and custom serialization and labeling
- Custom pin outs available

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

___ ___ - ___ ___ ___ ___ ___ ___ ___ ___ - XXXXM or XXXXF

[1] [2] [3] [4] [5] [6] [7] [8] [9] [A]

[1] Select Cable Type

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

[2] Select Wiring Configuration

4 = 10 / 100 Base T
6 = Straight through
9 = Custom

[3] [7] Select Connectors *

A = Cat 5, male, 180 deg
B = Cat 5, male, 90 deg
C = Cat 3, female, 180 deg
D = Cat 5, female, 90 deg
E = Cat 5, male, 110 deg
F = Cat 3, male, 90 / 270 deg
G = Cat 3, male, 180 degree
H = Cat 3, female, 90 / 270
I = Cat 3, male, 90 deg, shielded
J = Cat 3, female, 90 deg, shielded
K = Cat 5, Champ Sys 5, male, 90 / 270 deg
Z = Blunt

[4] [8] Select Cable Exits **

1 = 1 - 26 exit
2 = 25 – 50 exit
Z = Not required

[6] [A] Select Screw Length ****

1 = Standard screw
2 = 1.00' screw
3 = 1.25" screw
4 = 1.50" screw
5 = 0.75" screw
6 = 0.425" screw
7 = 1.75" screw
8 = 0.875" screw
B = Bail locks
Z = Not required

[5] [9] Select Drain Wire ***

1 = Yes – need drain wire
0 = No – do not need drain wire
Z = N / A

XXXM or XXXF

XXXM = Length in meters
XXXF = Length in feet

* 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.

** Use option Z for 180 degree connectors. For additional cable exit details see above.

*** Drain are only required for shielded connectors. For non-shielded connectors use option Z

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