

# Copper

## DS1 Copper Cables

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### Application

Copper DS1 assemblies connect a variety of equipment.

### Description

DS1 assemblies are typically constructed using 28 or 32 pair cable and 64 position connectors.

### 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

#### Investment

- CAT 5e available through special order
- Stock and custom serialization and labeling
- Stock and custom lengths available
- Custom pin outs available



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### 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.*

D 1    R    -    -    -    -    -    -    -    -    XXXM or XXXF

1    2    3    4    5    6    7

#### 1 Select Cable Type

- 1 = 28 pr, 24 ga, shielded, solid
- 3 = 32 pr, 24 ga, shielded, solid
- 4 = 28 pr, 22 ga, shielded, solid
- 5 = 28 pr, 26 ga, shielded, solid
- 6 = 32 pr, 26 ga, shielded, solid
- 7 = 32 pr, 22 ga, shielded, solid
- 9 = 32 pr, 26 ga, shielded, solid, cat5, VDSL

#### 2 Select Wiring Configuration

- 6 = Straight through
- X = Custom

#### 3 Select Connector # 1

- A = 64 pos, male, 24-26 ga, 180 deg
- B = 64 pos, female, 24-26 ga, 180 deg
- C = 64 pos, male, 24-26 ga, 180 deg, bail lock
- E = 64 pos, male, 24-26 ga, 90/270 deg
- F = 64 pos, female, 24-26 ga, 90/270 deg
- G = 64 pos, male, 24-26 ga, 90/270 deg, bail lock
- I = 64 pos, male, 22 ga, 90/270 deg
- J = 64 pos, male, 22 ga, 180 deg
- K = 64 pos, female, 22 ga, 90/270 deg
- L = 64 pos, female, 22 ga, 180 deg

#### 4 Select Cable Exit Connector # 1

- 1 = Pins 1 – 33
- 2 = Pins 32 – 64
- Z = Exit not required (180 degree connector)

#### 5 Select Connector # 2

- A = 64 pos, male, 24-26 ga, 180 deg
- B = 64 pos, female, 24-26 ga, 180 deg
- C = 64 pos, male, 24-26 ga, 180 deg, bail lock
- E = 64 pos, male, 24-26 ga, 90/270 deg
- F = 64 pos, female, 24-26 ga, 90/270 deg
- G = 64 pos, male, 24-26 ga, 90/270 deg, bail lock
- I = 64 pos, male, 22 ga, 90/270 deg
- J = 64 pos, male, 22 ga, 180 deg
- K = 64 pos, female, 22 ga, 90/270 deg
- L = 64 pos, female, 22 ga, 180 deg
- Z = Pigtail/Blunt

#### 6 Select Cable Exit Connector # 2

- 1 = Pins 1 – 33
- 2 = Pins 32 – 64
- Z = Exit not required (180 degree connector)

#### 7 Select 24" Drain Wire

- 1 = Connector 1 drain wire
- 2 = Connector 2 drain wire
- 3 = Drain wire both connectors
- 0 = No drain wires

#### XXXM or XXXF

- XXXM = Length in meters
- XXXF = Length in feet