

Multipair Extension Cable

Common extension wire types are made up into standard multipair cables. Each conductor is covered with a polyvinyl jacket, nominal 0.38 mm thick, and the pairs are individually twisted. Clear Mylar tape is then wrapped around the bundle of twisted pairs. A solid tinned-copper drain wire is laid over the bundle, which is covered with aluminium-backed Mylar tape to serve as an electro-static shield. The drain wire provides a simple mechanical termination for the shield. The cable is then covered with a jacket of polyvinyl approximately 1.1 mm thick.

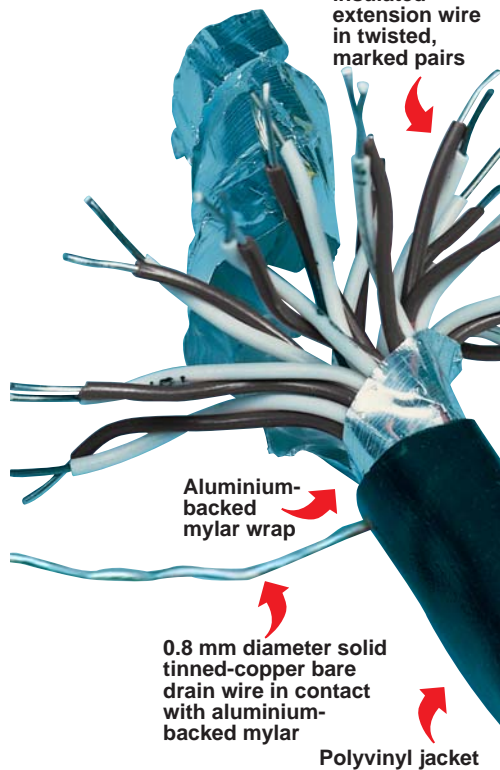
As an added convenience, each standard cable contains an extra polyvinyl-clad solid tinned-copper wire for use as a ground connection, or to complete a communication or signal circuit. Standard cables are colour-coded. The individual pairs are marked 1-1, 2-2, etc., for easy identification. Insulation will withstand temperatures up to 105°C.

Note: Metric dimensions are approximate.

Discount Schedule

| | |
|--------------------------|----------|
| 60 -152 m (200 - 500') |5% |
| 153 -914 m (500 - 2999') |10% |
| 915 m and up (3000'+) |15% |

Colour-coded polyvinyl-insulated extension wire in twisted, marked pairs



0.8 mm diameter solid tinned-copper bare drain wire in contact with aluminium-backed mylar

Polyvinyl jacket

Note: Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.

Overbraiding

Any standard item can be overbraided with tinned copper, stainless steel or Inconel upon request.

Special Orders

Multipair extension cable can be made to order with insulation to suit your installation requirements. Consult Sales Department on pricing and quantity minimums.

Multipair Pricing

Multipairs can be purchased in any quantity (minimum length 7.5 m).

Minimum Bending Radius

4 pair cable: 6 times overall diameter
8 pair cable: 10 times overall diameter
Over 8 pair cable:
14 times overall diameter

Custom Design - Fine Gauge 0.25, 0.13, 0.08 Diameter Multipair Cable and Cable Overbraiding Available. Consult Sales.

For Higher Temperature and More Severe Environments PFA Insulation and Individually Screened Pairs are Available!

Call Sales for pricing and availability, or visit omega.co.uk



CHROMEGLA™/ALOMEGA™ - IEC TYPE KX

IEC Colour Code: Positive Wire, Green; Negative Wire, White; Overall, Green

MOST POPULAR MODELS HIGHLIGHTED!

| 0.81, Polyvinyl | | | | | 7/0.2 (7 x 32), Polyvinyl | | | |
|------------------------|---------------------------|-------------------------|------------------|------------|---------------------------|-------------------------|------------------|------------|
| No. of Pairs (Twisted) | Model No. IEC Colour Code | Nominal Overall Size mm | Ship Wt kg/300 m | Price/Foot | Model Number | Nominal Overall Size mm | Ship Wt kg/300 m | Price/Foot |
| 4 | 4KIX20PP | 10 mm | 39 | | 4KIX24SPP | 8.4 mm | 25 | |
| 8 | 8KIX20PP | 12 mm | 61 | | 8KIX24SPP | 11 mm | 39 | |
| 12 | 12KIX20PP | 15 mm | 89 | | 12KIX24SPP | 14 mm | 52 | |
| 16 | 16KIX20PP | 16 mm | 111 | | 16KIX24SPP | 15 mm | 73 | |
| 20 | 20KIX20PP | 17 mm | 129 | | 20KIX24SPP | 16 mm | 86 | |
| 24 | 24KIX20PP | 20 mm | 154 | | 24KIX24SPP | 17 mm | 100 | |

IRON/CONSTANTAN - IEC TYPE JX

IEC Colour Code: Positive Wire, Black; Negative Wire, White; Overall, Black

| 0.81, Polyvinyl | | | | | 7/0.2 (7 x 32), Polyvinyl | | | |
|------------------------|---------------------------|-------------------------|------------------|-------------|---------------------------|-------------------------|------------------|-------------|
| No. of Pairs (Twisted) | Model No. IEC Colour Code | Nominal Overall Size mm | Ship Wt kg/300 m | Price/0.3 m | Model Number | Nominal Overall Size mm | Ship Wt kg/300 m | Price/0.3 m |
| 4 | 4JIX20PP | 10 mm | 39 | | 4JIX24SPP | 8.4 mm | 25 | |
| 8 | 8JIX20PP | 12 mm | 61 | | 8JIX24SPP | 11 mm | 39 | |
| 12 | 12JIX20PP | 15 mm | 89 | | 12JIX24SPP | 14 mm | 52 | |
| 16 | 16JIX20PP | 16 mm | 111 | | 16JIX24SPP | 15 mm | 73 | |
| 20 | 20JIX20PP | 17 mm | 129 | | 20JIX24SPP | 16 mm | 86 | |
| 24 | 24JIX20PP | 20 mm | 154 | | 24JIX24SPP | 17 mm | 100 | |

COPPER/CONSTANTAN - IEC TYPE TX

IEC Colour Code: Positive Wire, Brown; Negative Wire, White; Overall, Brown

| 0.81, Polyvinyl | | | | | 7/0.2 (7 x 32), Polyvinyl | | | |
|------------------------|---------------------------|-------------------------|------------------|------------|---------------------------|-------------------------|------------------|------------|
| No. of Pairs (Twisted) | Model No. IEC Colour Code | Nominal Overall Size mm | Ship Wt kg/300 m | Price/Foot | Model Number | Nominal Overall Size mm | Ship Wt kg/300 m | Price/Foot |
| 4 | 4TIX20PP | 10 mm | 39 | | 4TIX24SPP | 8.4 mm | 25 | |
| 8 | 8TIX20PP | 12 mm | 61 | | 8TIX24SPP | 11 mm | 39 | |
| 12 | 12TIX20PP | 15 mm | 89 | | 12TIX24SPP | 14 mm | 52 | |
| 16 | 16TIX20PP | 16 mm | 111 | | 16TIX24SPP | 15 mm | 73 | |
| 20 | 20TIX20PP | 17 mm | 130 | | 20TIX24SPP | 16 mm | 86 | |
| 24 | 24TIX20PP | 20 mm | 1552 | | 24TIX24SPP | 17 mm | 100 | |

Ordering Example: 4TIX20PP-100, 100' of 4 pair twisted Copper/Constantan multipair extension cable, IEC type TX.

WIRE



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

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Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

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• Flow and Level

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