

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.

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



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

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	£2.80	4KIX24SPP	8.4 mm	25	£2.70
8	8KIX20PP	12 mm	61	4.90	8KIX24SPP	11 mm	39	4.50
12	12KIX20PP	15 mm	89	8.20	12KIX24SPP	14 mm	52	7.30
16	16KIX20PP	16 mm	111	11.00	16KIX24SPP	15 mm	73	10.25
20	20KIX20PP	17 mm	129	15.50	20KIX24SPP	16 mm	86	14.00
24	24KIX20PP	20 mm	154	14.75	24KIX24SPP	17 mm	100	12.75

IRON/CONSTANTAN - IEC TYPE JX

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

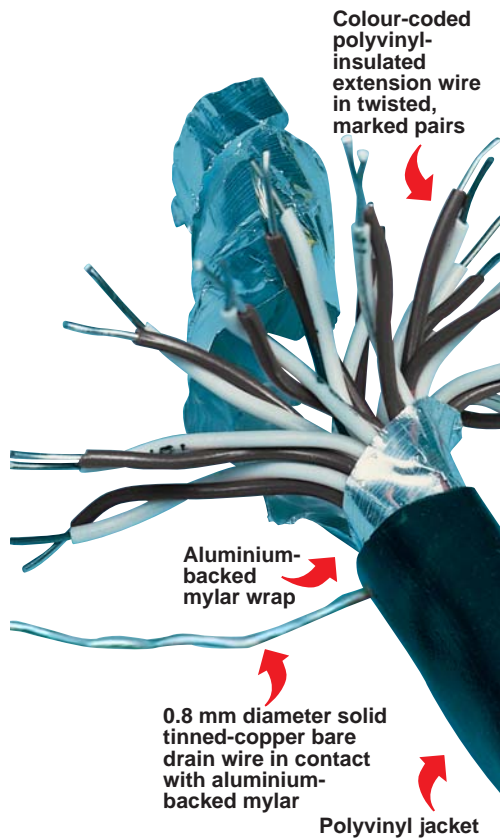
0.81, Polyvinyl					7/0.2 (7 x 32), Polyvinyl			
No. of Pairs (Twisted)	Model No. IEC Colour Code	Nominal Overall Size mm	Ship Wt kg/300 m	Price/0.3 m	Model Number	Nominal Overall Size mm	Ship Wt kg/300 m	Price/0.3 m
4	4JIX20PP	10 mm	39	£2.00	4JIX24SPP	8.4 mm	25	£1.70
8	8JIX20PP	12 mm	61	2.80	8JIX24SPP	11 mm	39	2.70
12	12JIX20PP	15 mm	89	4.50	12JIX24SPP	14 mm	52	4.20
16	16JIX20PP	16 mm	111	5.90	16JIX24SPP	15 mm	73	5.00
20	20JIX20PP	17 mm	129	6.90	20JIX24SPP	16 mm	86	6.20
24	24JIX20PP	20 mm	154	8.90	24JIX24SPP	17 mm	100	8.40

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	£1.85	4TIX24SPP	8.4 mm	25	£1.50
8	8TIX20PP	12 mm	61	2.70	8TIX24SPP	11 mm	39	2.30
12	12TIX20PP	15 mm	89	4.20	12TIX24SPP	14 mm	52	3.90
16	16TIX20PP	16 mm	111	5.50	16TIX24SPP	15 mm	73	4.70
20	20TIX20PP	17 mm	130	6.40	20TIX24SPP	16 mm	86	5.90
24	24TIX20PP	20 mm	1552	8.50	24TIX24SPP	17 mm	100	7.70

Ordering Example: 4TIX20PP-100, 100' of 4 pair twisted Copper/Constantan multipair extension cable, IEC type TX, 100 x £1.85 = £185.



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.

WIRE



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• Flow and Level

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• Heaters

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