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AI-TWIN...

Ferrules With Insulating Collar for Two Wires



CLIPLINE

Data Sheet 103091_en_01

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1 Description

AI-TWIN... ferrules enable practical crimping of two wires in a ferrule. Chain bridges can be easily implemented using these ferrules.

Different versions of the individual TWIN ferrules are available for individual applications. The color coding of the individual cross sections corresponds to DIN 46228-4.



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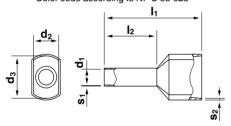


2 Dimensions and Ordering Data

Ferrules With Insulating Collar for Two Wires

Cross Section	l ₁	l ₂	d ₁	s ₁	d ₂	d ₃	s ₂	Color	Туре	Order No.	Pcs./Pck.
2 x 0.5 mm ²	15.0 mm	8.0 mm	1.5 mm	0.15 mm	2.5 mm	4.6 mm	0.25 mm	White	AI-TWIN 2X 0,5 - 8 WH	3200933	100
$2 \times 0.75 \text{ mm}^2$	15.0 mm	8.0 mm	1.8 mm	0.15 mm	2.7 mm	5.2 mm	0.3 mm	Gray	AI-TWIN 2X 0,75-8 GY	3200807	100
2 x 0.75 mm ²	15.0 mm	8.0 mm	1.8 mm	0.15 mm	2.7 mm	5.2 mm	0.3 mm	Blue ¹	AI-TWIN 2X 0,75-8 BU	3240668	100
2 x 0.75 mm ²	17.0 mm	10.0 mm	1.8 mm	0.15 mm	2.7 mm	5.2 mm	0.3 mm	Gray	AI-TWIN 2X 0,75-10 GY	3200975	100
2 x 1 mm ²	15.0 mm	8.0 mm	2.05 mm	0.15 mm	3.4 mm	5.2 mm	0.35 mm	Red	AI-TWIN 2X 1 - 8 RD	3200810	100
2 x 1 mm ²	17.0 mm	10.0 mm	2.05 mm	0.15 mm	3.4 mm	5.2 mm	0.35 mm	Red	AI-TWIN 2X 1 -10 RD	3200988	100
2 x 1 mm ²	19.0 mm	12.0 mm	2.05 mm	0.15 mm	3.4 mm	5.2 mm	0.35 mm	Red	AI-TWIN 2X 1 -12 RD	3240679	100
2 x 1.5 mm ²	16.0 mm	8.0 mm	2.3 mm	0.15 mm	3.5 mm	6.4 mm	0.35 mm	Black	AI-TWIN 2X 1,5 - 8 BK	3200823	100
2 x 1.5 mm ²	18.0 mm	10.0 mm	2.3 mm	0.15 mm	3.5 mm	6.4 mm	0.35 mm	Black	AI-TWIN 2X 1,5 -10 BK	3201534	100
2 x 1.5 mm ²	20.0 mm	12.0 mm	2.3 mm	0.15 mm	3.5 mm	6.4 mm	0.35 mm	Black	AI-TWIN 2X 1,5 -12 BK	3200991	100
2 x 2.5 mm ²	18.5 mm	10.0 mm	2.9 mm	0.2 mm	4.1 mm	7.5 mm	0.35 mm	Blue	AI-TWIN 2X 2,5 -10 BU	3200836	100
2 x 2.5 mm ²	18.5 mm	10.0 mm	2.9 mm	0.2 mm	4.1 mm	7.5 mm	0.35 mm	Gray ¹	AI-TWIN 2X 2,5 -10 GY	3240669	100
2 x 2.5 mm ²	21.5 mm	13.0 mm	2.9 mm	0.2 mm	4.1 mm	7.5 mm	0.35 mm	Blue	AI-TWIN 2X 2,5 -13 BU	3200878	100
2 x 4 mm ²	23.0 mm	12.0 mm	3.8 mm	0.2 mm	4.8 mm	8.5 mm	0.4 mm	Gray	AI-TWIN 2X 4 -12 GY	3201000	100
2 x 6 mm ²	25.0 mm	14.0 mm	4.6 mm	0.2 mm	5.8 mm	9.6 mm	0.5 mm	Yellow	AI-TWIN 2X 6 -14 YE	3201013	100
2 x 10 mm ²	26.0 mm	14.0 mm	6.5 mm	0.2 mm	7.0 mm	12.6 mm	0.6 mm	Red	AI-TWIN 2X10 -14 RD	3201026	100
2 x 16 mm ²	31.0 mm	16.0 mm	8.5 mm	0.2 mm	8.8 mm	16.6 mm	0.6 mm	Blue	AI-TWIN 2X16 -16 BU	3202847	50

¹ Color code according to NF C 63-023



 $I_1 =$ Total length $I_2 =$ Sleeve length

 $d_1 =$ Inside diameter of sleeve

s₁ = Wall thickness of sleeve

d₂ = Inside diameter of insulating collar

d₃ = Inside diameter of insulating collar

s₂ = Wall thickness of insulating collar

Figure 1 Dimensions (tolerances according to DIN 46228-4)

Assortment Boxes

Description	Туре	Order No.	Pcs./Pck.
Assortment box, rectangular, blue Comprises: 50 pcs. each of AI-TWIN 2X 0,5-8 WH, AI-TWIN 2X 0,75-8 GY, AI-TWIN 2X 1-8 RD, AI-TWIN 2X 1,5-8 BK, 25 pcs. of AI-TWIN 2X 2,5-10 BU	AI-TWIN SORTI BOX BU	3202986	1
Assortment box, rectangular, gray Comprises: 20 pcs. of Al-TWIN 2X 4-12 GY, 10 pcs. each of Al-TWIN 2X 6-14 YE, Al-TWIN 2X10-14 RD	AI-TWIN SORTI BOX GY	3202999	1
Assortment box, round, clear Comprises: 50 pcs. each of Al-TWIN 2 x 0,75-8 GY, Al-TWIN 2 x 1-8 RD, Al-TWIN 2 x 1,5-8 BK, Al-TWIN 2 x 2,5-10 BU	AI-TWIN-SORTI-BOX I	3200946	1
Assortment box, round, clear Comprises: 30 pcs. each of Al-TWIN 2 x 1,5-8 BK, Al-TWIN 2 x 2,5-10 BU, Al-TWIN 2 x 4-12 GY, 10 pcs of Al-TWIN 2 x 6-14 YE	AI-TWIN-SORTI-BOX II	3201039	1

3 Technical Data

General Data

Material

Collar Sleeve Polypropylene PP (UL94 HB), heat resistant up to 105°C

E-CU, tin-plated surface