

TECHNICAL DATA SHEET

AEI TRANSCAB TC 12

A lighter, thinner walled version of TC1-05, TC 12 has been developed using the same proven advanced technology to meet the harmonised standard BS EN50264.

A Low Smoke Zero Halogen (LSZH) cable, the range has been designed for use in areas where space and weight are critical.

Fire Performance

BS6853 Category 1a, 1b & 2 and NF F 16 101 F0



Construction

- Class 5 Tinned Annealed Copper Conductor to BS EN60228
- LSZH Insulated

Voltage Rating 600/1000 Volt, 1800/3300V

Bend Radius	Flexing 3 x O/D (D ≤ 10mm)	Static 3 x O/D (D ≤ 10mm)
	5 x O/D (D ≥ 10mm)	4 x O/D (D ≥ 10mm)

Operating Temp -25°C to +120°C

Sheath Colour Black as Standard



A Ducab Company

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No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	600/1000V		1800/3300V	
			Nominal Overall Diameter	Nominal Weight	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km	mm	Kg/Km
1 x 1.50	30/0.25	13.7	3.30	22.40	7.00	62.20
1 x 2.50	50/0.25	8.21	3.80	32.80	7.50	75.80
1 x 4.00	56/0.30	5.09	4.30	49.00	8.10	97.00
1 x 6.00	84/0.30	3.39	5.10	75.00	8.60	128
1 x 10	80/0.40	1.95	6.50	124	9.60	177
1 x 16	126/0.40	1.24	7.70	183	10.80	244
1 x 25	196/0.40	0.795	9.60	282	12.30	344
1 x 35	276/0.40	0.565	11.10	389	13.80	459
1 x 50	396/0.40	0.393	12.90	551	15.30	618
1 x 70	360/0.50	0.277	15.00	747	17.30	821
1 x 95	475/0.50	0.21	16.80	975	19.30	1068
1 x 120	608/0.50	0.164	18.70	1229	21.10	1332
1 x 150	756/0.50	0.132	21.10	1538	22.90	1621
1 x 185	925/0.50	0.108	22.90	1859	24.70	1948
1 x 240	1221/0.50	0.0817	26.20	2444	27.50	2510
1 x 300	1525/0.50	0.0654	29.00	3031	30.10	3100
1 x 400	2013/0.50	0.0495	34.50	3987	35.00	4035