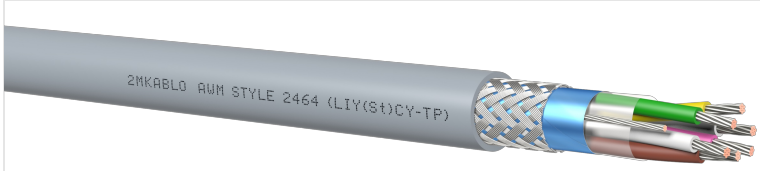
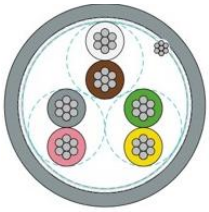
STYLE 2464 (LIY(St)CY-TP)





Areas of Use

Multiple-conductor cable using non-integral jacket. These double screened cables are used as signal transmission cables in industrial applications. These can be easily used with their flexible construction in narrow applications like electronic control systems of computer or audio systems or the communication sector, electronic circuits, measurement devices, machine design, office equipment, etc. These used for indoor applications. Screening protects the cable from the outer electrical effects.

Cable Construction

Conductor	Stranded Annealed Tinned Copper (ASTM B-33)
Insulation	PVC (80°C) UL 1581
Core Colors	Can be manufactured according to the customer's request
Insulated Conductors	AWG16 & AWG22 Style 1095
Lay-up	Cores are twisted as pairs and pairs are stranded in layers
Separator	PET Foil
Overall Screen	Al-PET Foil (with 7x0.3 mm Stranded Tinned Copper)
2. Overall Screen	Tinned Copper Wire Braid
Outer Sheath	PVC Jacket (UL 1581 Class 80°C). The thickness of the overall jacket is in accordance with the UL 758.
Reference Standards	UL Style 1095, UL 758

Technical Properties

Operating Voltage	300 V
Test Voltage	2 kV
Conductor Resistance	UL 1581 - Section 220
Max. Operating Temperature	Fixed: -30°C ... +80°C / Flexible: -5°C ... +50°C
Flame Retardancy	FT2 Horizontal Flame Test (UL 2556), VW-1 Flame Test (UL 2556), IEC/EN 60332-1
Conductor Corrosion	UL 2556
Deformation Resistance	UL 2556
Min. Bending Radius (Fixed)	8 x Cable Diameter

Cross Section

Configuration / Cross-Section (AWG)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x2x22	6.7	13	62
3x2x22	7.0	19	73
4x2x22	7.6	26	87
5x2x22	8.2	32	100
6x2x22	8.9	38	115

7x2x22	8.9	45	125
10x2x22	11.5	64	181
12x2x22	12.0	77	205
2x2x20	8.0	20	83
3x2x20	8.5	31	102
4x2x20	9.2	41	122
5x2x20	10.1	51	146
6x2x20	11.3	61	178
7x2x20	11.3	71	193
10x2x20	14.6	102	278
12x2x20	15.2	122	318
2x2x18	8.8	30	102
3x2x18	9.2	45	125
4x2x18	10.1	60	153
5x2x18	11.4	76	192
6x2x18	12.5	91	225
7x2x18	12.5	106	247
10x2x18	16.2	151	364
12x2x18	17.0	181	436
2x2x16	10.0	45	131
3x2x16	10.6	68	171
4x2x16	11.6	91	207
5x2x16	12.9	114	252
6x2x16	14.2	136	300
7x2x16	14.2	159	330
10x2x16	18.4	227	482
12x2x16	19.0	272	547

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