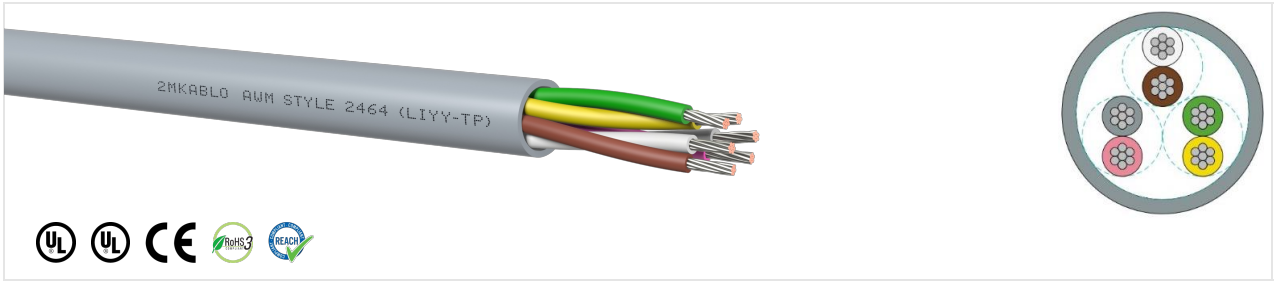
STYLE 2464 (LIYY-TP)



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
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	13	39
3x2x22	6.4	19	50
4x2x22	7	26	62
5x2x22	7.6	32	73
6x2x22	8.2	38	85
7x2x22	8.2	45	95

10x2x22	10.7	64	137
12x2x22	11.1	77	160
2x2x20	7.4	20	56
3x2x20	7.8	31	74
4x2x20	8.6	41	92
5x2x20	9.4	51	111
6x2x20	10.5	61	134
7x2x20	10.5	71	150
10x2x20	13.7	102	222
12x2x20	14.3	122	259
2x2x18	8	30	70
3x2x18	8.6	45	93
4x2x18	9.4	60	118
5x2x18	10.5	76	147
6x2x18	11.6	91	176
7x2x18	11.6	106	197
10x2x18	15.3	151	293
12x2x18	15.8	181	339
2x2x16	9.1	45	94
3x2x16	9.7	68	126
4x2x16	10.8	91	162
5x2x16	12.1	114	206
6x2x16	13.3	136	244
7x2x16	13.3	159	274
10x2x16	17.4	227	400
12x2x16	18	272	464

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