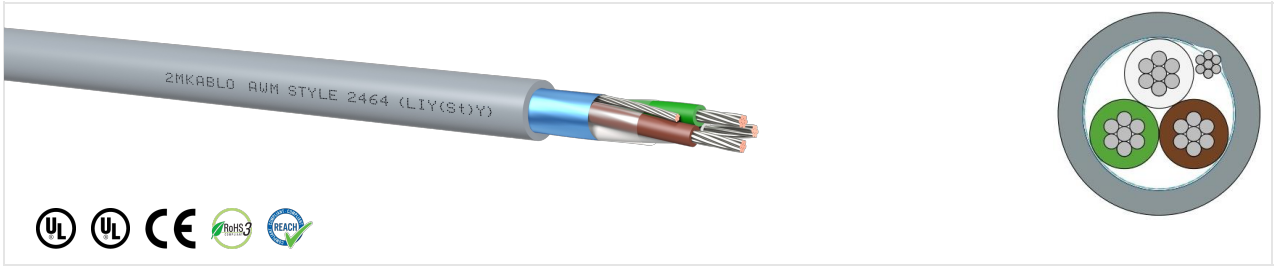
STYLE 2464 (LIY(St)Y)



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 stranded in layers
Separator	PET Foil
Overall Screen	Al-PET Foil (with 7x0.3 mm Stranded Tinned Copper)
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
Min. Bending Radius (Fixed)	8 x Cable Diameter
Deformation Resistance	UL 2556

Cross Section

Configuration / Cross-Section (AWG)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x1x22	4.3	6	30
3x1x22	4.5	10	36
4x1x22	4.9	13	42
5x1x22	5.2	16	48
6x1x22	5.7	19	55
7x1x22	5.7	22	60

10x1x22	7.0	32	79
12x1x22	7.2	38	90
2x1x20	5.1	10	39
3x1x20	5.4	15	49
4x1x20	5.9	20	58
5x1x20	6.4	26	68
6x1x20	6.9	31	78
7x1x20	6.9	36	86
10x1x20	8.6	51	117
12x1x20	8.9	61	134
2x1x18	5.5	15	47
3x1x18	5.8	23	59
4x1x18	6.4	30	72
5x1x18	6.9	38	85
6x1x18	7.5	45	98
7x1x18	7.5	53	109
10x1x18	9.6	76	152
12x1x18	10.0	91	177
2x1x16	6.1	23	58
3x1x16	6.5	34	75
4x1x16	7.1	45	93
5x1x16	7.7	57	110
6x1x16	8.4	68	129
7x1x16	8.4	79	144
10x1x16	10.9	114	207
12x1x16	11.4	136	241

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