

MVVS

RoHS Compliant Cable

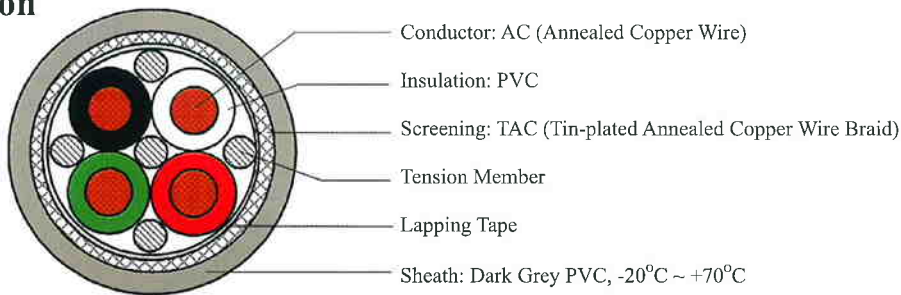
■ Feature

- Different color and marking on each core, easy to recognize
- High density braided shield promises anti-EMI and RFI
- Highly flexible
- Against UV, fire retardant lead-free PVC, comply with RoHS standard

■ Application

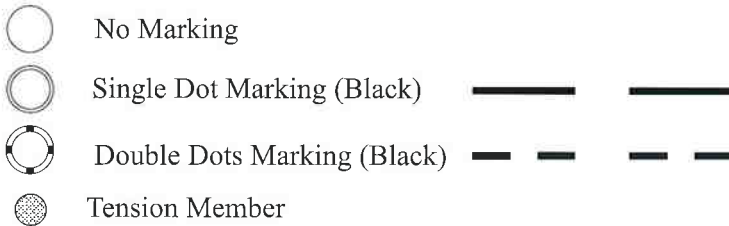
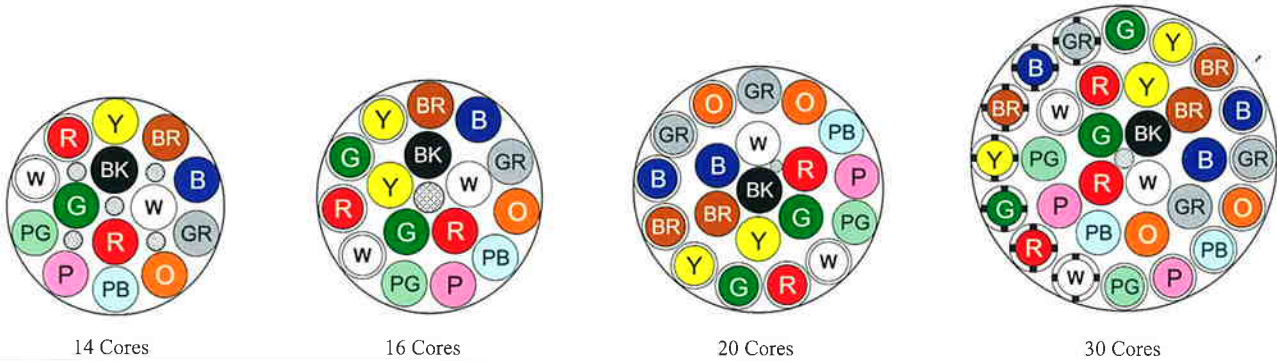
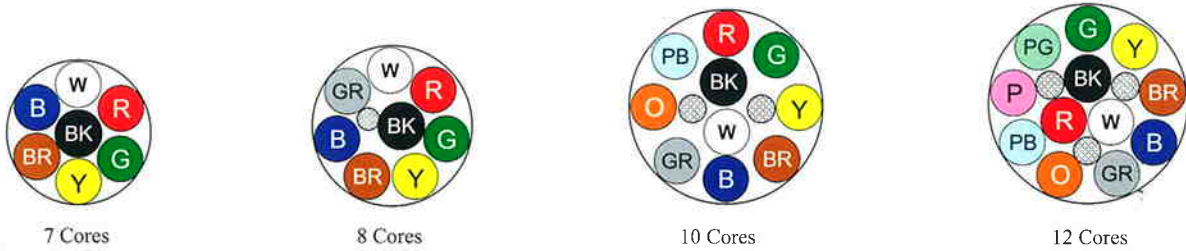
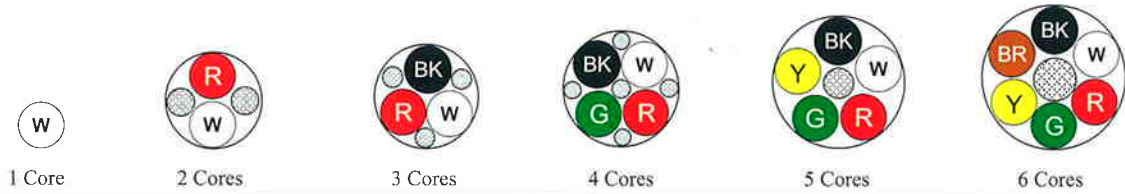
- Connecting OA machine, FA machine, control system and professional AV system
- Transmission of control signal

■ Construction



Cross-Sectional Area (mm ²)	Item	Cores													
		1	2	3	4	5	6	7	8	10	12	16	20	30	
0.3	Strand / Diameter (mm)	12/0.18													
	Insulation Thickness (mm)	0.4													
	Screening Wire Diameter (mm)	0.12													
	Sheath Thickness (mm)	0.5	0.8					0.9			1.0				
	Overall Diameter (mm)	3.1	5.2	5.4	5.8	6.4	6.8	6.8	7.3	8.5	8.7	9.6	10.3	12.3	
	Outer Diameter 0.7mm	Approximate Weight (kg/km)	20	38	45	54	64	72	76	86	106	115	147	175	244
	Standard Length (m)	100										1000			
0.5	Strand / Diameter (mm)	20/0.18													
	Insulation Thickness (mm)	0.5													
	Screening Wire Diameter (mm)	0.12													
	Sheath Thickness (mm)	0.8					0.9			1.0					1.1
	Overall Diameter (mm)	4.1	6.0	6.3	6.8	7.4	8.2	8.2	8.8	10.1	10.4	11.6	12.5	15.1	
	Outer Diameter 0.9mm	Approximate Weight (kg/km)	28	49	60	74	88	100	108	120	145	160	213	256	370
	Standard Length (m)	100										1000			
0.75	Strand / Diameter (mm)	30/0.18													
	Insulation Thickness (mm)	0.6													
	Screening Wire Diameter (mm)	0.12													
	Sheath Thickness (mm)	0.8					0.9			1.0		1.1			1.2
	Overall Diameter (mm)	4.5	6.8	7.2	7.8	8.7	9.4	9.4	10.1	11.9	12.3	13.7	14.8	17.9	
	Outer Diameter 1.1mm	Approximate Weight (kg/km)	33	61	78	95	116	135	147	164	202	234	298	358	520
	Standard Length (m)	100										1000			500
1.25	Strand / Diameter (mm)	50/0.18													
	Insulation Thickness (mm)	0.6													
	Screening Wire Diameter (mm)	0.12													
	Sheath Thickness (mm)	0.8		0.9			1.0			1.1			1.2		1.3
	Overall Diameter (mm)	4.9	7.6	8.2	8.9	9.8	10.8	10.8	11.6	13.7	14.1	15.7	17.2	20.7	
	Outer Diameter 1.5mm	Approximate Weight (kg/km)	41	82	100	130	158	191	210	236	286	329	412	500	737
	Standard Length (m)	100								1000			500		
2.0	Strand / Diameter (mm)	37/0.26													
	Insulation Thickness (mm)	0.6													
	Screening Wire Diameter (mm)	0.12													
	Sheath Thickness (mm)	0.8	0.9			1.0			1.1		1.2		1.3		1.4
	Overall Diameter (mm)	5.2	8.4	8.9	9.6	10.8	11.7	11.7	12.6	15.0	15.5	17.3	18.9	22.8	
	Outer Diameter 1.8mm	Approximate Weight (kg/km)	49	103	133	163	200	230	256	288	357	413	530	657	950
	Standard Length (m)	100								1000			500		300
Cross-Sectional Area (mm ²)	Item	Cores													
		1	2	3	4	5	6	7	8	10	12	16	20	30	

■ Core Assignment



BK: Black	B: Blue
W: White	GR: Grey
R: Red	O: Orange
G: Green	PB: Pastel Blue
Y: Yellow	P: Peach
BR: Brown	PG: Pastel Green

■ Electrical Property

Conductor (mm ²)	Strand / Diameter (mm)	Conductor Resistance (20°C) Max. Ω/km	Insulation Resistance (20°C) Min. MΩ-km	Withstand Voltage AC V/1 minute
0.3	12/0.18	62.9	5	1000
0.5	20/0.18	37.8		
0.75	30/0.18	25.1		
1.25	50/0.18	15.1		
2.0	37/0.26	9.79		

ISO 9001 認証取得工場
日本工業規格表示許可工場

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