



2V Type

RoHS compliant cable

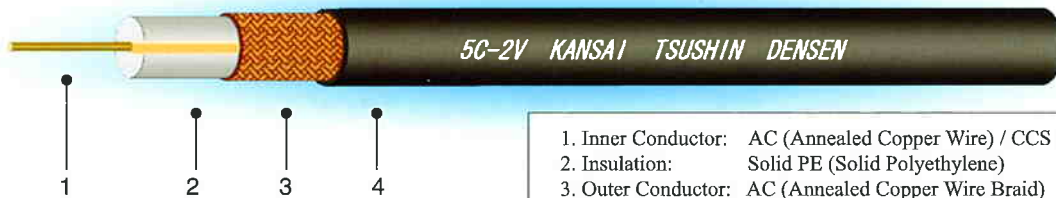
■ Feature

- PE insulation maintains stable VSWR and low attenuation loss up to 2 GHz
- High power transmission and stable impedance
- High flexibility and easy assembly
- Against UV, fire retardant lead-free PVC (2V type), long lifespan PE (2E type), all comply with RoHS standard
- Comply with JIS C 3501 Standard

■ Application

- Indoor wiring for terrestrial TV, security system and camera system
- High power transmission for devices

■ Construction



1. Inner Conductor: AC (Annealed Copper Wire) / CCS (Copper Clad Steel)
 2. Insulation: Solid PE (Solid Polyethylene)
 3. Outer Conductor: AC (Annealed Copper Wire Braid)
 4. Sheath: Lead-free PVC, -20°C ~ +70°C for 2V type
PE, -40°C ~ +70°C for 2E type
- Remark: EM type (LSHF sheath) available

Single Braided Type

Item Model	Inner Conductor		Insulation		Outer Conductor			Sheath		Impedance Ω	Approximate Weight kg/km
	Material	Strand / Diameter (mm)	Material	Diameter (mm)	Material	Diameter (mm)	Material	Standard Color	Diameter (mm)		
1.5C-2V	CCS	1/0.26	PE	1.6	AC	2.2	PVC	Black	3.0	75±3	15
1.5C-2VS	AC	7/0.09	PE	1.6		2.1	PVC		3.0	75±3	14
1.7C-2V		7/0.12	PE	1.95		2.6	PVC		3.6	75±3	20
2.5C-2V	7/0.14	PE	2.4	3.0		PVC	4.0		75±3	23	
3C-2V	AC	1/0.5	PE	3.1	AC	3.7	PVC	Black	5.2	75±3	40
3C-2VS		7/0.18	PE	3.1		3.7	PVC		5.2	75±3	35
5C-2VS	AC	1/0.8	PE	4.8	AC	5.4	PVC	Black	7.2	75±3	65
5C-2V		7/0.26	PE	4.8		5.4	PVC		7.2	75±3	68
5C-2E		1/0.8	PE	4.9		5.4	PE		7.2	75±3	68
7C-2V	AC	1/1.2	PE	7.3	AC	8.2	PVC	Black	10.4	75±3	130
7C-2VS		7/0.4	PE	7.3		8.2	PVC		10.4	75±3	144
7C-2E		1/1.2	PE	7.3		8.2	PE		10.4	75±3	118
10C-2V	AC	1/1.4	PE	9.4	AC	10.4	PVC	Black	13.0	75±3	230
10C-2VS		7/0.5		9.4		10.4	PVC		13.0	75±3	226
10C-2E		7/0.5		9.4		10.4	PE		13.0	75±3	211

Remark: White PVC sheath available for 3C-2V and 5C-2V
Max. attenuation loss is 115% of standard attenuation Multi-braided Type

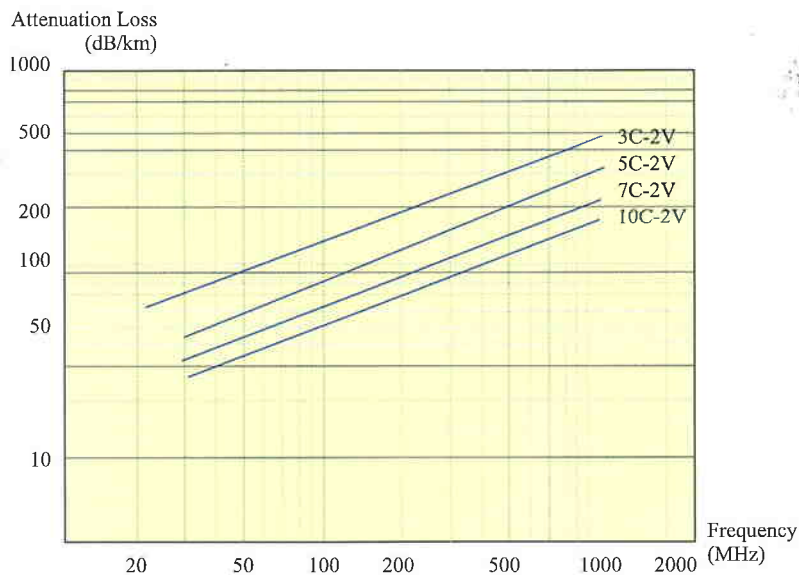
2W : Double Braided Type

2T : Triple Braided Type

Multi-Braided Type

Item Model	Inner Conductor		Insulation		Outer Conductor			Sheath		Impedance Ω	Approximate Weight kg/km
	Material	Strand / Diameter (mm)	Material	Diameter (mm)	Material	Diameter (mm)	Material	Standard Color	Diameter (mm)		
3C-2W	AC	1/0.5	PE	3.1	AC	4.5	PVC	Black	6.5	75±3	74
5C-2W		1/0.8		4.9		6.3			8.3	75±3	100
7C-2W		1/1.2		7.3		9.1			11.5	75±3	217
3C-2T	AC	1/0.5	PE	3.1	AC	5.4	PVC	Black	7.4	75±3	105

■ Standard Attenuation Loss V.S. Frequency Characteristics



■ Support Wire

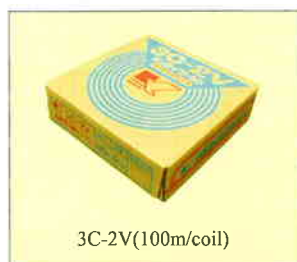
Support Wire Model	Strand / Diameter (mm)
5C-2V-SSD	1.6
7C-2V-SSD	2.6
3C-2V-SSF	1.6
5C-2V-SSF	1.6
7C-2V-SSF	7/1.2
10C-2V-SSF	7/1.4



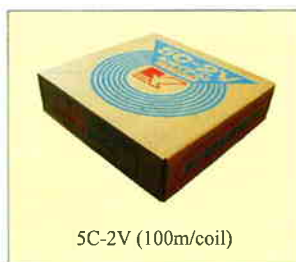
Model	Item	Conductor Resistance [20°C] Ω/km (Maximum)	Withstand Voltage AC. V/ 1 minute	Electrostatic Capacity nF/km	Insulation Resistance MΩ-km (Minimum)	Standard Attenuation Loss (dB/km)	
						220 MHz	770 MHz
1.5C-2V		968.0	1000	69	1000	10MHz	96
1.5C-2VS		419.0	1000	69	1000	10MHz	106
1.7C-2V		227.0	1000	69	1000	10MHz	80
2.5C-2V		166.6	1000	69	1000	10MHz	60
3C-2V		91.4	1000	67	1000	200	396
3C-2VS		100.0	1000	67	1000	10MHz	48
5C-2V		35.9	1000	67	1000	131	263
5C-2V		50.2	1000	67	1000	10MHz	30
5C-2V		35.9	1000	67	1000	131	263
7C-2V		15.9	1000	67	1000	91	186
7C-2VS		20.7	1000	67	1000	10MHz	22
7C-2E		15.9	1000	67	1000	91	186
10C-2V		11.6	1000	67	1000	10MHz	16
10C-2VS		13.1	1000	67	1000	10MHz	18
10C-2E		13.1	1000	67	1000	10MHz	18
3C-2W		91.4	1000	67	1000	10MHz	42
5C-2W		35.9	1000	67	1000	131	263
7C-2W		15.9	1000	67	1000	91	186
3C-2T		91.4	1000	67	1000	10MHz	42

Remark: Max. attenuation loss is 115% of standard attenuation

■ Package



3C-2V(100m/coil)



5C-2V (100m/coil)



7C-2V (100m/coil)



10C-2V (100m/coil)

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