

HIGH FREQUENCY COAXIAL CABLES (50Ω)



CONSTRUCTION:

Inner conductor: solid or stranded copper
 Insulation: solid PE
 Outer conductor: braid of annealed copper wires
 Outer sheath: PVC

ABBREVIATION:

Cu/PE/CBS/PVC

STANDARD:

JIS C 3501

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Type	No. & dia. of inner conductor	Insulation thickness	No. & dia. of outer braided conductor	Sheath thickness	Overall diameter	Max. conductor resistance at 20°C	Electrostatic capacitance at 1kHz	Standard attenuation at 10MHz	Test voltage
	-xmm	mm	-x(-xmm)	mm	mm	Ω/km	μF/km	dB/km	V
1.5D-2V	7x0.18	0.53	16x(5x0.10)	0.4	2.9	110	104±5	85	300
2.5D-2V	1x0.8	0.95	16x(7x0.12)	0.5	4.3	35.9	100±5	45	1000
3D-2V	7x0.32	1.02	24x(5x0.14)	0.8	5.3	33.3	100±4	47	1000
5D-2V	1x1.4	1.7	24x(7x0.14)	0.9	7.3	11.7	100±4	27	1000
8D-2V	7x0.8	2.7	24x(8x0.18)	1.2	11.1	5.13	100±4	20	1000
10D-2V	1x2.9	3.4	24x(10x0.20)	1.2	13.1	2.67	102±4	14	1000
20D-2V	1x6.0	7.4	32x(10x0.26)	2	26.1	0.622	100±4	6.6	5000

Characteristic impedance : 50 Ω