

# JIS COAXIAL CABLE

## Radio Applications



Interior lines for communication, Wireless equipment for personal radio, MCA, AVM, and amateur radio, Antenna feeder line, Wiring between or inside high frequency transmission units.

### 50 Ohm PE Series

#### Standard Construction:

Solid or stranded, copper or copper covered steel conductor, PE insulation, bare copper braid Shield 95% coverage.

Type	Conductor		Insulation		Shield	Jacket		Nom. Imp. ( $\Omega$ )	Nom. Capa. (1kHz) (pF/m)
	No/mm	Mtrl.	O.D. (mm)	Mtrl.		O.D. (mm)	Mtrl.		
3D-2V	1/0.9	BC	3.0	PE	95% BC Braid	5.3	PVC	50	100
5D-2V	1/1.4	BC	4.8	PE	95% BC Braid	7.3	PVC	50	100
8D-2V	1/2.3	BC	7.9	PE	95% BC Braid	11.1	PVC	50	100
10D-2V	1/2.9	BC	9.7	PE	95% BC Braid	13.1	PVC	50	100

#### Standard Attenuation @ 20°C (dB/km)

Frequency	3D – 2V	5D – 2V	8D – 2V	10D – 2V
1 MHz	12	7	6	4
10 MHz	41	27	20	14
30 MHz	75	46	35	24
200 MHz	205	125	95	65

