

# 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 Gas Injection Foamed PE Series

#### Standard Construction:

Solid annealed copper conductor, Gas Injection foamed polyethylene insulation, double side aluminum foil 100% coverage and tinned copper shield 95% coverage.

Type	Conductor No/mm	Mtrl.	Insulation O.D. (mm)	Mtrl.	Shield	Jacket O.D. (mm)	Mtrl.	Nom. Imp. (Ω)	Nom. Capa. (1kHz) (pF/m)
3D-FB	1/1.05		3.0	Gas Injection Foam PE	100%Al Foil 95% TC Braid	5.6	PVC	50	83
5D-FB	1/1.8		5.0	Gas Injection Foam PE	100%Al Foil 95% TC Braid	7.7	PVC	50	83
8D-FB	1/2.3		7.8	Gas Injection Foam PE	100%Al Foil 95% TC Braid	11.1	PVC	50	83
10D-FB	1/3.5		10	Gas Injection Foam PE	100%Al Foil 95% TC Braid	13.1	PVC	50	83

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

Frequency	3D-FB	5D-FB	8D-FB	10D-FB
1 MHz	10	-	-	-
10 MHz	32	-	-	-
200 MHz	150	93	62	52
400 MHz	210	138	91	78
900 MHz	325	221	149	130