

JIS COAXIAL CABLE

Satellite Broadcast Receivers Applications



TV receiver equipment and accessories, Satellite communications, two-ways CATV: direct connect or star configuration.

75 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)
5C-FB	1/1.05	BC	5.0	Gas Injection Foam PE	100%Al Foil 95% TC Braid	7.7	PVC	75	56
7C-FB	1/1.5	BC	7.3	Gas Injection Foam PE	100%Al Foil 95% TC Braid	10.2	PVC	75	56
10C-FB	1/2.0	BC	9.4	Gas Injection Foam PE	100%Al Foil 95% TC Braid	13.1	PVC	75	56

Standard Attenuation @ 20°C (dB/km)

Frequency	5C – FB	7C – FB	10C – FB
90 MHz	60	43	34
220 MHz	96	70	57
470 MHz	145	106	91
7700 MHz	190	142	124
1000 MHz	230	172	148
1300 MHz	270	202	177
1550 MHz	302	235	200
1770 MHz	328	255	220

