

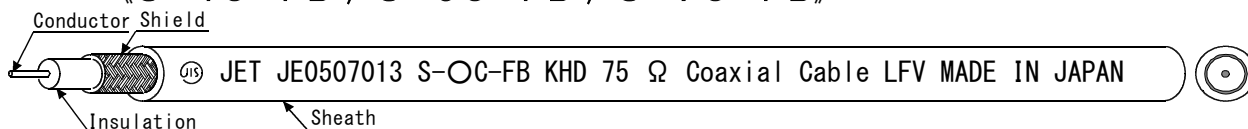
Foam PE Insulation PVC-Sheathed Coaxial Cables for Satellite Broadcast Receiving TV

RoHS

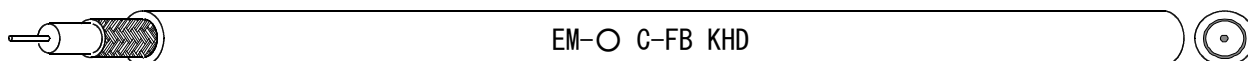
Application : Signal transmission between antenna and terrestrial and satellite broadcast receivers

Features : Foam PE insulation and both-side aluminium-laminated tape enable high signal transmission and noise suppression.

《S-4C-FB / S-5C-FB / S-7C-FB》



eco 《EM-S-5C-FB / EM-S-7C-FB》



COMPOSITION

Type	Standards	Compliant	Characteristic Impedance	Insulation Material	Shielding foil Material	Braid Shield Material	Sheath Material
S-4C-FB S-5C-FB S-7C-FB	JIS C3502	RoHS	75 Ω (10MHz)	Foam PE	Double-sided Alumi Shielding Tape	Tin-plated Annealed copper wire	PVC
EM-S-5C-FB EM-S-7C-FB	JCS 5423	Halogen-free RoHS					Flame retardance Polyethylene

DIMENSION

Type	Conductor			Insulation			Shield			Sheath		Mass Approx. kg/km	Nom. Length m
	Nom. Dia. mm A	Nom. Thick. mm	Nom. Dia. mm	foil		Dia. of Strands mm A	Braid		Nom. Thick. mm	Nom. Dia. mm			
				Nom. Thick. mm	Nom. Dia. mm		Num. of Strands × Num. of Carriers	Lay of Carriers mm Max.					
S-4C-FB	0.80	1.45	3.7	0.05	3.8	0.14	3 × 24 5 × 16	29 36	0.7	6.0	40	100	
S-5C-FB EM-S-5C-FB	1.05	1.98	5.0	0.05	5.1	0.14	4 × 24 6 × 16	42	0.95	7.7	63	100	
S-7C-FB EM-S-7C-FB	1.50	2.90	7.3	0.05	7.4	0.18	5 × 24 7 × 16	65	0.95	10.2	105	100	

ATTENUATION

Type	MAX. Attenuation dB/km [20°C] ※ (Standard Attenuation)									
	90MHz	220MHz	470MHz	770MHz	1300MHz	1550MHz	1770MHz	2000MHz	2150MHz	2602MHz
S-4C-FB	87.4 (76.0)	139 (121)	209 (182)	275 (239)	368 (320)	407 (354)	439 (382)	472 (410)	491 (427)	550 (478)
S-5C-FB EM-S-5C-FB	67.6 (58.8)	109 (95.0)	167 (145)	221 (192)	300 (261)	335 (291)	362 (315)	391 (340)	408 (355)	460 (400)
S-7C-FB EM-S-7C-FB	48.0 (41.7)	78.2 (68.0)	121 (105)	161 (140)	222 (193)	247 (215)	269 (234)	291 (253)	305 (265)	345 (300)

CHARACTERISTICS

Type	Insulation Resistance MΩ · km Min.	Conductor Resistance (20°C) Ω / km Max.	Dielectric Test V/min	Capacitance (1kHz) nF/km	Velocity ratio %	Standing Wave ratio 90MHz to 2602MHz
S-4C-FB	1000	35.7	AC 1000	56	80	1.7 Max.
S-5C-FB EM-S-5C-FB	1000	21.1	AC 1000	56	80	1.7 Max.
S-7C-FB EM-S-7C-FB	1000	10.4	AC 1000	56	80	1.7 Max.