



S-FB • FV Type

RoHS compliant cable

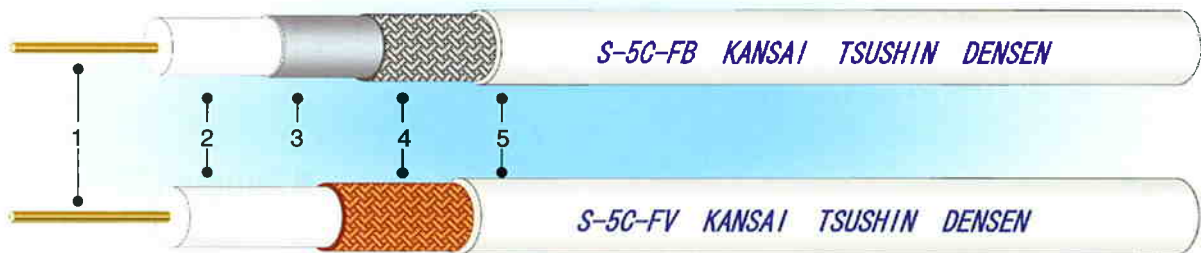
■ Feature

- Double shields (S-FB type) promise better shielding effect
- High stability for data transmission against aging
- PEF insulation maintains stable VSWR and low attenuation loss up to 3 GHz
- Against UV, fire retardant lead-free PVC, comply with RoHS standard

■ Application

- CS/BS satellite broadcasting signals reception
- Terrestrial broadcasting signals reception
- CATV, MATV, CCTV indoor wiring

■ Construction



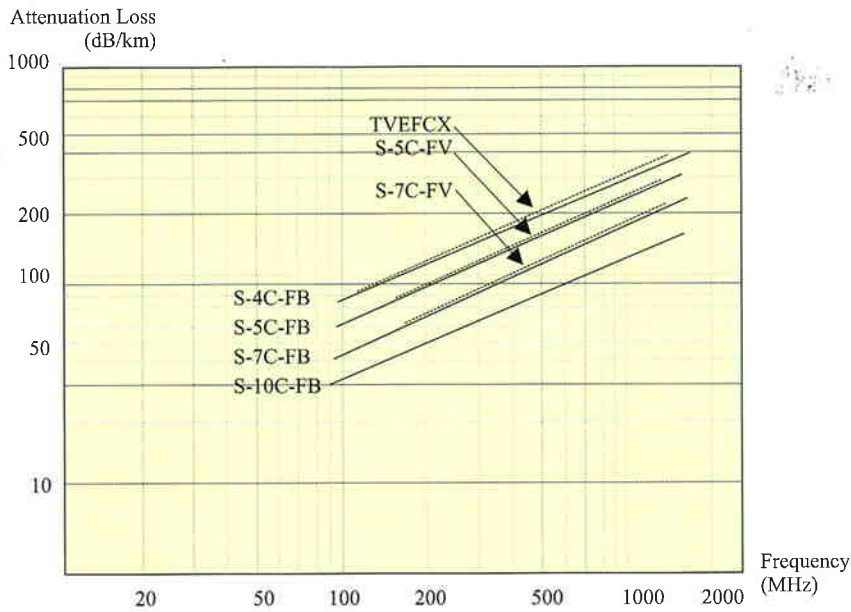
JIS C 3502 Compliant Cable:

TVEFCX · S-5C-FB
 S-4C-FB · S-7C-FB

1. Inner Conductor: AC (Annealed Copper Wire)
 2. Insulation: PEF (Foamed Polyethylene)
 3. Outer Conductor 1: Doubled Sided Aluminum Tape
 4. Outer Conductor 2: TAC (Tin-plated Annealed Copper Wire Braid) for FB type
AC (Annealed Copper Wire Braid) for FV type
 5. Sheath: Lead-free PVC, -20°C ~ +70°C
- Remark: EM type (LSHF sheath) available

Item Model	Inner Conductor		Insulation		Outer Conductor			Sheath			Impedance Ω	Approximate Weight kg/km	
	Material	Strand / Diameter (mm)	Material	Diameter (mm)	Double Sided Aluminum Tape Diameter (mm)	Braid Material	Diameter (mm)	Material	Standard Color	Other Color			Diameter (mm)
S-4C-FB	AC	1/0.80	PEF	3.7	3.8	TAC	4.5	PVC	Light Grey	-	6.0	75±3	40
S-5C-FB		1/1.05		5.0	5.1		5.8		Light Grey	Black	7.7	75±3	63
S-7C-FB		1/1.50		7.3	7.4		8.3		Light Grey	Black	10.2	75±3	105
S-10C-FB		1/2.00		9.4	9.5		10.4		Light Grey	-	12.9	75±3	190
TVEFCX	AC	1/0.80	PEF	3.7	-	TAC	4.4	PVC	Grey	-	6.0	75±3	48
3C-FV		1/1.05		5.0	-		5.7		Light Grey	Black	7.5	75±3	70
5C-FV		1/1.50		7.3	-		8.2		Grey	-	10.2	75±3	140

■ Standard Attenuation Loss V.S. Frequency Characteristics



Model	Item	Conductor Resistance [20°C] Ω/km (Maximum)	Withstand Voltage AC. V/ 1 minute	Electrostatic Capacity nF/km	Insulation Resistance MΩ·km (Minimum)	Standard Attenuation Loss (dB/km)							
						90 MHz	220 MHz	470 MHz	770 MHz	1300 MHz	1550 MHz	1770 MHz	1800 MHz
S-4C-FB		35.7	1000	56	1000	78	122	183	243	330	365	480	-
S-5C-FB		21.1	1000	56	1000	60	96	145	190	270	302	328	-
S-7C-FB		10.4	1000	56	1000	43	70	106	142	202	235	255	-
S-10C-FB		5.65	1000	56	1000	30	49	-	101	139	-	-	171
TVEFCX		35.7	1000	56	1000	-	143	-	278	374	-	-	-
S-5C-FV		21.1	1000	56	1000	-	100	-	205	283	-	-	-
S-7C-FV		10.4	1000	56	1000	-	73	-	157	217	-	-	270

Remark: Max. attenuation loss is 115% of standard attenuation

■ Package



■ Support Wire

Support Wire Model	Strand / Diameter (mm)
S-5C-FB-SSF	1.6
S-7C-FB-SSF	7/1.2
S-10C-FB-SSF	7/1.4



ISO 9001 認証取得工場
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