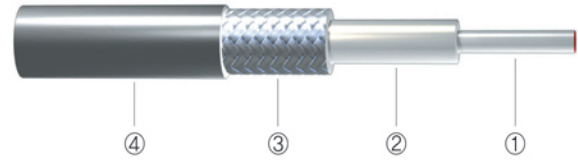


Semi-Flexible Cable



Structure



① Center Conductor

SPCW : silver plated copper clad steel wire

SPC : silver plated copper wire

② Dielectric

PTFE : Polytetrafluorethylene

③ Outer conductor : Tin(Silver) Plated Copper Shield

④ Jacket(option)

How to order(주문방법)

EXPAN P/N : EXSF - 141 - T - 50 - CW

① Serial Number

② Outer conductor diameter(in inch×10⁻³)

③ Insulation material - F : FEP

T : PTFE

④ Impedance 50 : 50Ω

75 : 75Ω

B-XXΩ : Special Impedance

⑤ Center conduct material

CW : SPCW

C : SPC

Technical information

ITEM	ARTICLE PART NUMBER	CENTER CONDUCTOR		INSULATION		OUTER CONDUCTOR		BENDING
		MATERIALS	DIA(mm)	MATERIALS	DIA(mm)	MATERIALS	DIA(mm)	RADIUS(mm)
50Ω	EXSF-250T-50-C	SPC	1.63	PTFE	5.31	CU-SnPb	6.35	13.0
	EXSF-141T-50-CW	SPCW	0.910	PTFE	2.98	CU-SnPb	3.58	7.1
	EXSF-085T-50-CW	SPCW	0.515	PTFE	1.67	CU-SnPb	2.19	4.4
	EXSF-047T-50-CW	SPCW	0.290	PTFE	0.94	CU-SnPb	1.19	3.2

Electric properties

ITEM	ARTICLE PART NUMBER	CHARACTERISTIC IMPEDANCE (Ω)	CAPACI- TANCE (pF/M)	VOLTAGE WITHSTANDING (V/MIN)	TYPICAL ATTENUATION(dB/10M)					WATTS(W)					MAX OPERATING TEMP
					1 GHz	5 GHz	10 GHz	15 GHz	20 GHz	1 GHz	5 GHz	10 GHz	15 GHz	20 GHz	
50Ω	EXSF-250T-50-C	50±2.0	95	7500	2.8	7.2	11	14.4	-	181	72.7	47.5	36.5	-	125
	EXSF-141T-50-CW	50±2.0	95	5000	4.6	11.2	16.8	21.6	-	70.6	29.4	19.7	15.4	-	125
	EXSF-085T-50-CW	50±2.0	95	5000	8.6	20.1	29.6	37.5	-	25.2	10.8	7.4	5.8	-	125
	EXSF-047T-50-CW	50±3.0	95	2000	13.8	31.9	46.5	65.0	-	11.9	5.1	3.5	2.8	-	125