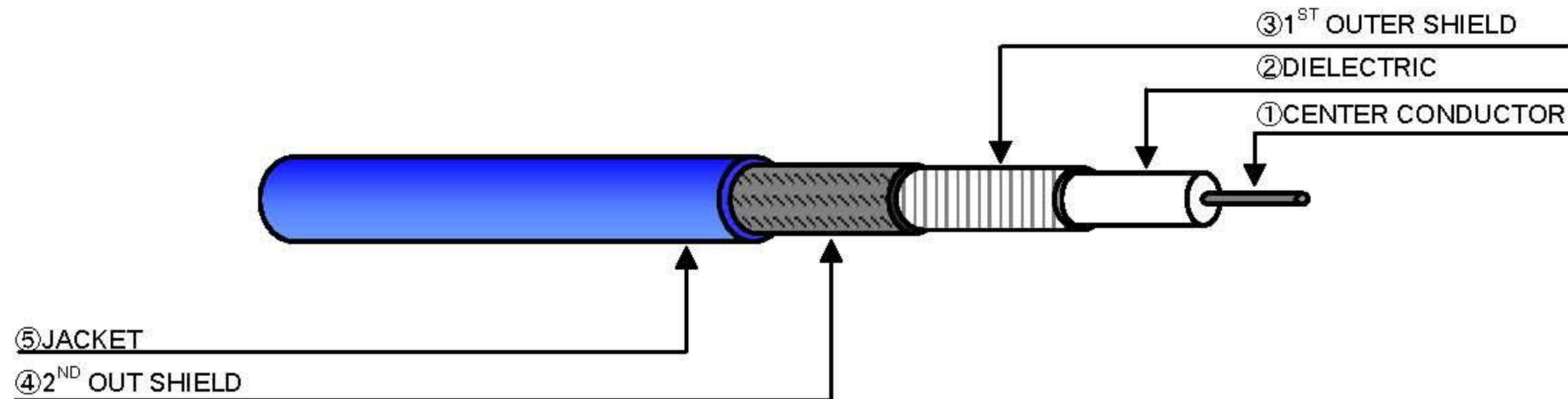


YEMF-141

Description: Multil Flexible Cable 4.01mm(0.158inch) / 50 Ohm

Specification: ----- Harbour SS402 Equivalent



CONSTRUCTION				
No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	$0.94 \pm 0.07\text{mm}$	
②	DIELECTRIC	PTFE	$2.97 \pm 0.02\text{mm}$	
③	1 st OUTER SHIELD	SCT	$3.18 \pm 0.02\text{mm}$	100%(nom.)
④	2 nd OUTER SHIELD	SPC	$3.48 \pm 0.02\text{mm}$	90%(nom.)
⑤	JACKET	FEP	$4.01 \pm 0.12\text{mm}$	BLUE

* SPCW: Silver Plated Copper clad steel Wire

* PTFE: PolyTetraFluorEthylene

* SCT: Silver-plated Copper Tape

* SPC: Silver Plated Copper

* FEP: Fluorinated Ethylene Propylene

ELECTRICAL DATA			
ITEM	SPECIFICATION		
CAPACITANCE	95.1 pF/m (29.0 pF/FT) (nom.)		
CHARACTERISTIC IMPEDANCE	$50 \pm 2 \ \Omega$		
CONDUCTOR RESISTANCE	19.3 Ohms/MFT at 20°C(max.)		
OPERATING FREQUENCY	20 GHz		
OPERATING TEMP	$-55^{\circ}\text{C} \sim +165^{\circ}\text{C}$		
SHIELDING EFFECT	100 dB (max.)		
VELOCITY OF PROPAGATION	70.0 %		
RoHS Compliance	YES		
WEIGHT	47.7 kg/Km		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	400	6.9(0.23)	-
	1,000	11.4(0.37)	-
	7,000	35.3(1.15)	-
	10,000	44.0(1.44)	-
	15,000	63.9(2.09)	-
	20,000	68.6(2.25)	-