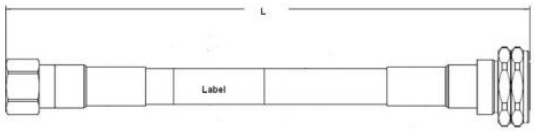

C2440E-L50 HYPERCELL

Jumper 1/2F PE 4.3-10 Male - 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2F PE cable
Connector:	4.3-10 Male / 7/16 Din male
Assembly:	Inner and outer contact 100% soldered

MECHANICAL & ENVIRONMENTAL

Material and Finish of Connector Body:	Copper alloy - plated brass	
Material and Finish of Coupling Nut:	Nickel - plated brass	
Material and Finish of Inner Conductor:	Silver - plated bronze	
Coupling Waterproof:	Silicone Rubber O-ring	
Coupling Torque:	Din interface	30 N.m Max.
	4.3-10 interface	8 N.m Max.
Minimum Bending Radius:	70 mm	

ENVIRONMENTAL

Operating Temperature Range:	-55°C < θ < + 70°C
Waterproof Index:	IP68 (1m /24 h)
RoHS Compliance:	Yes
Test Methods:	IEC 61169, IEC 62037, IEC 60529

ELECTRICAL

Impedance:		50 ± 1Ω		
Operating Frequency Range:		DC ~ 3GHz		
RMS Power (40 °C - 2 GHz):		0.81 KW		
Velocity:		87%		
Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries:	IM3 at 900MHz	≤ -161 dBc		
	IM3 at 1800MHz	≤ -161 dBc	IM7 at 2100MHz	≤ -161 dBc

RANGE

Length (m)	Product number	Frequency 0/1000MHz		Frequency 1000/2200MHz		Frequency 2200/3000MHz	
		RL (dB)	ATT (dB)	RL (dB)	ATT (dB)	RL (dB)	ATT (dB)
0.5	C2440E-L50	-26	0.18	-26	0.24	-26	0.27
1	C2440E-L100	-26	0.22	-26	0.29	-26	0.34
1.5	C2440E-L150	-26	0.25	-26	0.35	-26	0.41
2	C2440E-L200	-26	0.29	-26	0.40	-26	0.47
2.5	C2440E-L250	-26	0.33	-26	0.46	-26	0.54
3	C2440E-L300	-26	0.36	-26	0.51	-26	0.61
3.5	C2440E-L350	-26	0.40	-26	0.57	-26	0.67
4	C2440E-L400	-26	0.44	-26	0.62	-26	0.74
4.5	C2440E-L450	-26	0.47	-26	0.68	-26	0.81
5	C2440E-L500	-26	0.51	-26	0.73	-26	0.87
6	C2440E-L600	-26	0.58	-26	0.85	-26	1.01
7	C2440E-L700	-26	0.65	-26	0.96	-26	1.14
8	C2440E-L800	-26	0.73	-26	1.08	-26	1.27
9	C2440E-L900	-26	0.80	-26	1.18	-26	1.41
10	C2440E-L1000	-26	0.87	-26	1.29	-26	1.54
15	C2440E-L1500	-26	1.29	-26	1.88	-26	2.23
20	C2440E-L2000	-26	1.66	-26	2.44	-24	2.88
25	C2440E-L2500	-26	2.05	-26	3.02	-24	3.59
30	C2440E-L3000	-26	2.42	-26	3.60	-24	4.25