

	TABLE II. PEI	RFORMANCE	DETAILS			
PART NUMBER	BEND TESTING					
	MANDREL DIAMETER (Inch) (± 3%)	WEIGHT (lb) (± 3%)				
	LIFE CYCLE, IMMERSION AND CROSSLINKING PROOF TEST	COLD BEND	PROOF TEST	COLD BEND		
55FA0411-22-*	.500	1.00	.750	3.00		
55FA0411-20-*	.750	1.00	1.25	4.00		
55FA0411-18-*	1.00	1.50	1.75	4.00		
55FA0411-16-*	1.00	1.50	2.00	5.00		
55FA0411-14-*	1.00	1.50	2.00	5.00		
55FA0411-12-*	1.50	3.00	2.50	5.00		
55FA0411-10-*	1.50	3.00	2.50	5.00		
55FA0411-8-*	3.00	12.0	3.00	6.00		

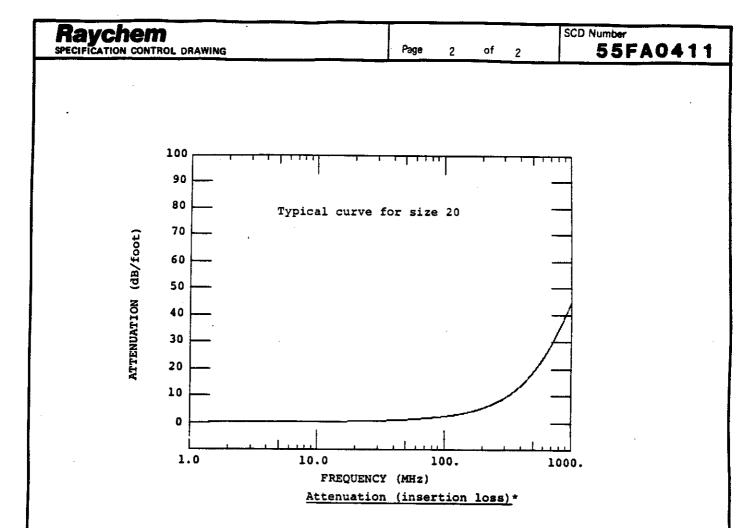
*Raychem Trademark

α	DLORS AND COLOR CODE DESIGNATORS SHALL SE IN ACCORDANCE WITH MIL-STD-681.	Boucham	
DiM	ENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL	Raychem	
Page 1 of 3	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR SID.	 Paycham Corporation 300 Constitution Drive, Menio Park, California 94025 (415) 361 3333 TWX 910 373 1728 	

Raychem SPECIFICATION CONTROL DRAWING	Page 2 of 3	SCD Number	55FA0411	
WIDE RATING	S AND ADDITIONAL REC	HREMENTS		
			i i i i i i i i i i i i i i i i i i i	
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TEMPERATURE RATING: 150°C				
Maximum continuous conductor temperature				
VOLTAGE RATING: 600 volts (rms) at sea level				
ATTENUATION (INSERTION LOSS): See Page 3				
BLOCKING: $200 \pm 3^{\circ}$ C for 6 hours				
COLOR: Light violet preferred COLOR STRIPING DURABILITY: 125 cycles (250 st	rokae) (minimum), 500 au	wolaht		
CONCENTRICITY: Primary Insulation - 50% (minim				
CROSSLINKING PROOF TEST (ACCELERATED AG				
FLAMMABILITY: 3 seconds (maximum); 3 in. (maxi				
HUMIDITY RESISTANCE: Insulation Resistance, 50				
IDENTIFICATION DURABILITY: 125 cycles (250 stre	okes) (minimum), 500 g w	eight		
IMMERSION: Diameter increase 5% (maximum); no		reakdown		
INSULATION ELONGATION AND TENSILE STRENG				
Primary Insulation, Filter Layer and Primary Jacket	t pulled together			
Elongation, 50% (minimum)				
Tensile Strength, 3000 lbf/in ² (minimum)				
INSULATION FLAWS: Primary Insulation only				
Spark Test, 2.5 kV (rms), 60 Hz			· · · · · · · · · · · · · · · · · · ·	
Impulse Dielectric Test, 6.0 kV (peak)				
Finished Wire				
Spark Test, 3.0 kV (rms), 60 Hz				
Impulse Dielectric Test, 8.0 kV (peak)		· · · · ·		
INSUALTION RESISTANCE: 5000 megohms for 10	00 ft. (minimum)			
INSULATION THICKNESS:				
Primary Insulation, .003 in. (minimum)				
Filter Layer, average .003 in. (minimum)				
Primary Jacket, .0035 in. (minimum)				
LIFE CYCLE: 200 ± 3°C for 168 hours LOW TEMPERATURE-COLD BEND: -65 ± 2°C for 4	4 hours			
SHRINKAGE: 200 \pm 3°C for 6 hours, 0.125 in. (mat			di seconda d	
SMOKE: 200 ± 2°C, no visible smoke	Annuary			
SURFACE RESISTANCE: 500 megohms-in. (minim	um) initial and final readi	nas		
THERMAL SHOCK RESISTANCE: 150 ± 3°C, .060	in. (maximum)			
VOLTAGE WITHSTAND (POST-ENVIRONMENTAL):		f Test, Immersion, Life Cycle		
and Low Temperature-Cold Bend)	-	· -		
1500 volts (rms), 60 Hz				
WRAP TEST: 6 hours at 200 \pm 3°C, no cracking			·	
PART NUMBER:	·			
The *** in the part number above shall be replaced	t by color code designato	rs. Violet shall be light violet		
and the designator shall be 7L.	1	The states arous and under states	·	
Example: AWG 22, light violet: 55FA0411-22-7L				
AWG 22, light violet with blue stripe: 55	FA0411-22-7L6		· · ·	

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AWG 22, light violet with blue stripe: 55FA0411-22-7L6



	Pass band (dB/ft)		Transition band (dB/ft)			Stop band (dB/ft)		
Part no.	1.0 MHz			100 Milz	500 Milz	1000 Milz	1 to 12 Gliz	
	(max)	(min)	(max)	(min)	(min)	(min)	(min)	
55FA0411-22 55FA0411-20 55FA0411-18 55FA0411-16 55FA0411-14 55FA0411-12 55FA0411-10	.015 .015 .015 .015 .015 .015 .015	.04 .04 .04 .04 .04 .02 .02	0.10 0.10 0.10 0.10 0.10 0.10 0.10	1.3 1.3 1.3 1.3 1.3 1.3 1.3	12 12 13 13 13 12 12	30 30 33 33 33 30 30 30	30 30 33 33 33 33 30 30	
55FA0411- 8-*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	

Attenuation (insertion loss) *

*THE PRIMARY WIRE OF THIS SPECIFICATION SHEET SHALL MEET THE ATTENUATION REQUIREMENTS SHOWN ABOVE ONLY WHEN USED AS A SINGLE COMPONENT IN A SHIELDED CABLE. 单击下面可查看定价,库存,交付和生命周期等信息

>>TE Connectivity(泰科)