

# Customer requests by part number

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PART NUMBER	FJ1939182-005	FAWM182-088N	FAWM183-155	FAWM182-087N	FCAB183-027N	FJ1939202-001	FJ1939182-001		
	Type-Tough (TPR Jacket)	PVC	Type-Tough (TPR Jacket)	Type-Tough (TPR Jacket)	TPE Jacket	Type-Tough (TPR Jacket)	Type-Tough (TPR Jacket)		
<b>INSULATED CONDUCTORS</b>									
Conductor Count	2	2	3	2	3	2	2		
AWG (mm <sup>2</sup> )	18 (0.824)	18 (0.824)	18 (0.824)	18 (0.824)	18 (0.824)	20 (0.519)	18 (0.824)		
Stranding - Minimum and Maximum Diameter of individual strands AWG in inches (mm)	.010 (0.254)	.010 (0.254)	.010 (0.254)	.010 (0.254)	.010 (0.254)	.008 (.203)	.010 (0.254)		
Material Type	Foam XLPE	PVC	Foam PE	PE	Foamed PE	Foam XLPE	XLPE	Foam XLPE	Foam XLPE
Wall Thickness inches (mm)	.040 (1.02)	.015 (0.381)	.045 (1.14)	.016 (.41)	.040 (1.02)	.045 (1.14)	.016 (.41)	.034 (.864)	.040 (1.02)
<b>OVERALL CABLING</b>									
Fillers	✓	✓	✓	✓	✓	✓	✓	✓	
Shielding	✓	✓	✓	✓	✓	✓	✓	✓	
Wraps	-	-	✓	-	✓	-	-	-	
<b>OUTER JACKET</b>									
Material	TPR	PVC	TPE	TPE	TPE	TPR	TPR		
Color	★ Black	★ Black	★ Black	★ Black	★ Black	★ Black	★ Black		
Overall OD inches (mm)	.415 (10.54)	.235 (5.97)	.390 (9.91)	.380 (9.65)	.390 (9.91)	.315 (8.00)	.415 (10.54)		
<b>ELECTRICAL</b>									
Max. Operating Voltage - UL	300V	600V	600V	600V	600V	300V	300V		
DC Resistance Max mOhms/m	50	50	50	50	50	50	50		
Impedance (Ω)	120 @ 1 Mhz ± 10%	42 (Projected Impedance) ± 10%	120 Ohms @ 1 Mhz ± 10%	120 Ohms @ 1 Mhz ± 10%	120 Ohms @ 1 Mhz ± 10%	120 @ 1 Mhz ± 10%	120 @ 1 Mhz ± 10%		
Mutual Capacitance pF/ft (pF/m)	11.7 (38.4) conductor to conductor 24.4 (80) conductor to shield	50 (Projected capacitance)	11.0 (on the pair)	11.0 conductor to conductor 110 conductor to shield (Max)	11.0 (on the pair)	11.7 (38.4) conductor to conductor 24.4 (80) conductor to shield	11.7 (38.4) conductor to conductor 24.4 (80) conductor to shield		

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