



## SCOTCHLOK™ CONNECTORS SPECIFICATION CHART

Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-unfilled and PIC-filled		Pulp or Paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
<b>UR2</b> 		Gel-filled RUS and UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UR2-D</b> 		Dry Polypropylene	2.08	0.082	19-26	0.9-0.4	19-26	0.9-0.4
<b>UR</b> 		Gel-filled RUS and UL Listed Polycarbonate	1.52	0.060	19-26	0.9-0.4	N/A	N/A
<b>UY2</b> 		Gel-filled RUS and UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UY2-D</b> 		Dry Polypropylene	2.08	0.082	19-26	0.9-0.4	19-26	0.9-0.4
<b>UY</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	N/A	N/A
<b>*557TG</b> 		Gel-filled Flame Retardant Polypropylene	3.0	0.12	16-22	1.3-0.6	N/A	N/A
<b>UYF</b> 		Gel-filled UL Listed Polycarbonate	1.52	0.060	20-26	0.8-0.4	N/A	N/A
<b>UP2</b> 		Dry Flame Retardant RUS and UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	22-26	0.7-0.4
<b>UP3</b> 		Dry Flame Retardant RUS and UL Listed Polycarbonate	1.52	0.060	19-26	0.9-0.4	19-26	0.9-0.4
<b>UAL</b> 		Gel-filled For Aluminum Polycarbonate	2.08	0.082	17-20 AL 19-24 CU	1.2-0.8 AL 0.9-0.5 CU	N/A	N/A
<b>211</b> 		Gel-filled RUS and UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A

\*Inline and drop wire connectors can only be used with E-9BM.

Butt Splicing

Connector	Type Connector	Special Features	Maximum Insulation O.D.		PIC-unfilled and PIC-filled		Pulp or Paper	
			Metric (mm)	Inches	AWG	Metric (mm)	AWG	Metric (mm)
<b>UB2A</b> 		Gel-filled RUS and UL Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UB2A-D</b> 		Gel-filled RUS Listed Polypropylene	2.08	0.082	19-26	0.9-0.4	N/A	N/A
<b>UG</b> 		Gel-filled RUS Listed Polycarbonate	Butt 1.54 Tap 1.12	0.051 0.044	19-26 22-26	0.9-0.4 0.7-0.4	N/A	N/A
<b>UPB</b> 		Dry UL Listed Flame Retardant Polycarbonate	1.27	0.050	22-26	0.7-0.4	22-26	0.7-0.4
<b>*UDW2</b> 		Full Pair Drop Pair Polycarbonate	4.4	0.175	16-19	1.3-0.9	N/A	N/A
<b>*U1B</b> 		Gel-filled Full Pair Polycarbonate	3.18	0.125	16-19	1.3-0.9	N/A	N/A
<b>*U1R</b> 		Gel-filled Full Pair Polycarbonate	3.18	0.125	19-24	0.9-0.5	N/A	N/A
<b>UCC</b> 		Gel-filled RUS and UL Listed Polycarbonate	1.52	0.060	22-26	0.7-0.4	N/A	N/A
<b>UPC</b> 		UL Listed Flame Retardant Polycarbonate	1.52	0.060	22-26	0.7-0.4	22-26	0.7-0.4
To reduce fatigue, use tool within each group with highest mechanical advantage, indicated in ( ).		     						
		E-9BM (10:1)      E-9C (7:1)      E-9E (4:1)      E-9Y** (3:1)      E-9R (10:1)      E-9J (10:1)						

Tap Splicing

Inline Splicing

Clear/Cap Only

\*Inline and drop wire connectors can only be used with E-9BM.

\*\*Not recommended for 19 gauge (0.9mm) conductor and larger.

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## Important Notice

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