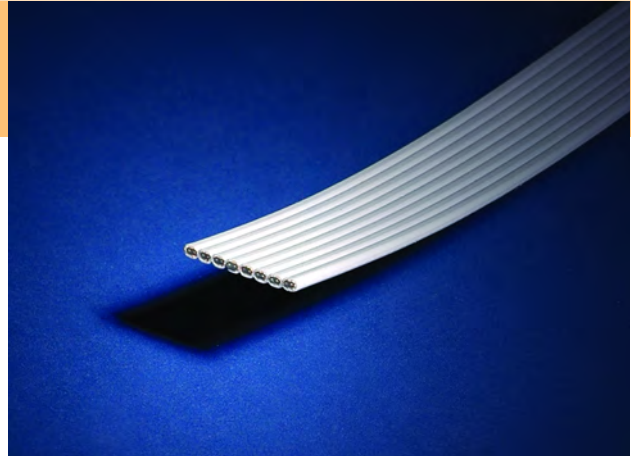


# Ribbon Twin-Ax Jacketed

**UL Style:** 2854  
**UL Voltage Rating:** 30V  
**UL Temp:** 80°C



Rugged performance.
Low dynamic impedance variation.
UL approved
Precision pair to pair pitch
<b>APPLICATIONS</b> Test and measurement equipment, low skew pair to pair and low in pair skew.
<b>Eco-Index: RoHS Values</b>
<b>&lt;90ppm</b> <b>&lt;5ppm</b> <b>&lt;5ppm</b> <b>&lt;5ppm</b> <b>&lt;1000ppm</b>
Pb   Cd   Cr+6   Hg   PBDE's PPB's

**PHYSICAL CONSTRUCTION DESCRIPTION** This 2.0 mm ribbon twin-ax uses individually extruded FEP primaries. Two conductors are pulled parallel and taped with PTFE to increase common mode impedance. Each pair is braided with silver plated copper wire and then extruded into a ribbon cable.



Series No.	Conductor AWG Stranding Coating	Insulation	Conductor Resistance Ω/Mft. @20°C (Ω/km)	Shield	Capacitance	Impedance		Propagation Delay	
					Nom. pF/ft. (pF/m)	Common Mode	Diff. (G-S) (Ohms)	Nom. ns/ft. (ns/m)	Within Pr. Skew ps/ft. (ps/m)
<b>20257</b>	30 AWG 7/38 SC	Solid FEP	98 (324)	Braid 7E/44 AWG	13 (42.5)	28 ± 2	96 ± 5	1.44 (4.72)	3 (10)
<b>20265</b>	31 AWG 7/39 SC	Solid FEP	125 (408)	Braid 7E/44 AWG	13 (42.5)	28 ± 2	100 ± 5	1.44 (4.72)	3 (10)
<b>20225</b>	30 AWG 1/30 SC	Solid FEP	102 (334)	Braid 6E/44 AWG	13 (42.5)	28 ± 2	100 ± 5	1.44 (4.72)	3 (10)

Part No.	Insulation	No. of Conductors/Pairs	Width "W"	Span "S"	Pitch Tolerance	Standard Put-ups
<b>20257-16-P-00200</b>	FEP/PVC	16/8	0.646 ± 0.007	0.56 ± 0.007	0.08 ± 0.003	200'
<b>20265-16-P-00200</b>	FEP/PVC	16/8	0.647 ± 0.007	0.56 ± 0.007	0.08 ± 0.003	200'
<b>20225-16-P-00200</b>	FEP/PVC	16/8	0.646 ± 0.007	0.56 ± 0.007	0.08 ± 0.0023	200'

Other conductor counts available upon request. All data is for reference only and is subject to change.

