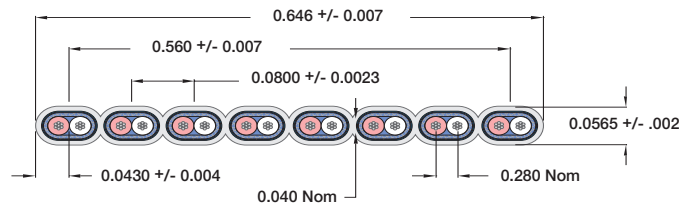


# Ribbon Twinax Jacketed Cable

UL Style: 21162 | UL Voltage Rating: 30V | UL Temp: 176°F (80°C)

<i>Intended for rolling flex, continuous motion applications requiring stable impedance.</i>
<i>Precise pair to pair pitch.</i>
<i>Applications: Test and measurement equipment, low skew pair to pair and low in pair skew.</i>
<i>RoHS and REACH Compliant.</i>



**PHYSICAL CONSTRUCTION DESCRIPTION** 16 - 30 AWG (7/38) silver plated conductors insulated with FEP are converted into 8 twinaxials, each with a 44 AWG silver plated braid, 90% coverage. Overall, an extruded PVC jacket holds the 8 flexible twinaxials together.

Part Number Put-Up Feet (m)	Number of Conductors	Conductor AWG Stranding / Coating Insulation	Shield Design	Conductor Resistance ohms/Mft (ohms/km) @20° C	Impedance Diff. (G-S) (Ohms)	Capacitance pF/ft (pF/m)	Propagation Delay Nanoseconds/ft (ns/m)	Maximum Skew ps/ft (ps/m)	Width "W" Inches (mm)	Span "S" Inches (mm)
20257-16-P-00200 200 feet (60.96 m)	16 Conductors (8 twinaxials)	30 7/38 Silver Plated FEP	Braid Shield, SPC, 90% 7 ends of 44 AWG	98 (324)	96 ± 5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72)	3 (10)	0.646 ± 0.007 (16.40 ± 0.177)	0.560 ± 0.007 (14.22 ± 0.177)
20265-16-P-00200 200 feet (60.96 m)		31 7/39 Silver Plated FEP		125 (410)	100 ± 5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72)		0.646 ± 0.007 (16.40 ± 0.177)	0.560 ± 0.007 (14.22 ± 0.177)
20225-16-P00200 200 feet (60.96 m)		30 1/30 Silver Plated FEP		102 (334)	100 ± 5	13 pF/ft 42.5 pF/m	1.44 Nominal (4.72)		0.646 ± 0.007 (16.40 ± 0.177)	0.560 ± 0.007 (14.22 ± 0.177)

These cables are made to order. Other conductor counts available upon request.

