

## “Premises Cable Selection Guide”

### Application Note AN-982

Design	Fiber Counts	Fibers per Tube	Available Jackets	Comments
<b>Buffered Fiber</b>				
Buffered Fiber	1	N/A	PVC, Nylon and Low Smoke PVC	Diameter: 600 $\mu$ m & 900 $\mu$ m
SBJ	1	N/A	PVC, Nylon and Low Smoke PVC	Diameter: 900 $\mu$ m Contains aramid yarn
<b>Interconnect Cordage</b>				
1.6mm	1, 2	N/A	Riser, Plenum, LSOH	Tight Buffer Diameters: 600 $\mu$ m, 900 $\mu$ m
2.0 mm	1, 2	N/A	Riser, Plenum, LSOH	Tight Buffer Diameter: 900 $\mu$ m
3.0 mm	1, 2	N/A	Riser, Plenum, LSOH	Tight Buffer Diameters: 900 $\mu$ m
3.2mm	2	N/A	Riser	<ul style="list-style-type: none"> <li>Design: Duplex Round</li> <li>Tight Buffer Diameters: 900<math>\mu</math>m</li> </ul>
4.8mm	1	N/a	Riser, Plenum, LSOH	<ul style="list-style-type: none"> <li>Indoor and Indoor/Outdoor applications</li> <li>Tight Buffer Diameters: 900<math>\mu</math>m</li> </ul>
Ruggedized AccuBreeze®	4 to 12	N/A	LSOH	<ul style="list-style-type: none"> <li>Loose 250<math>\mu</math>m fibers</li> <li>Indoor and Indoor/Outdoor applications</li> </ul>
<b>Drop Cable</b>				
4.5 mm	1	N/A	Riser, Plenum, LSOH	<ul style="list-style-type: none"> <li>Tight Buffer Diameters: 900<math>\mu</math>m</li> <li>Double Jacketed w/ Aramid</li> <li>Indoor and Indoor/Outdoor applications</li> </ul>
<b>Breakout</b>				
MiniCord® Breakout	2 – 72	<ul style="list-style-type: none"> <li>6 Fibers/Tube for fiber counts 18 – 24;</li> <li>12 Fibers/Tube for fiber counts 36 -72</li> </ul>	Riser	Breakout Diameter: 1.6mm

<b>Distribution</b>				
ACCUMAX® Indoor	2 - 144	<ul style="list-style-type: none"> <li>• <b>Plenum:</b> 6 Fibers/Tube for fiber counts 18 – 24</li> <li>• <b>Plenum:</b> 12 Fibers/Tube for fiber counts 48 - 72</li> <li>• <b>Riser &amp; LSOH:</b> 12 Fibers/Tube for fiber counts 36-72</li> <li>• 18 &amp; 24-fiber available in single tube design</li> </ul>	Riser, Plenum & LSOH	Tight Buffer Diameter: 900µm
ACCUDRY™ Indoor/Outdoor	2 – 36	6 Fibers/Tube for fiber counts 18 – 36	Riser	Tight Buffer Diameter: 900µm
	2 - 72	6 Fibers/Tube for fiber counts 18 – 36; 12 Fibers/Tube for fiber counts 48-72	LSOH	Tight Buffer Diameter: 900µm
<b>Ribbon</b>				
AccuFlex® Plus Round Ribbon	12, 24, 36, 48, 60 & 72	N/A	Plenum	Does not contain 2 E-glass rods
Enhanced AccuFlex® Plus Round Ribbon	12, 24, 36, 48, 60, 72, 84, 96 & 144	N/A	Riser & LSOH	Contains 2 E-glass rods which are applied linearly
	12, 24, 36, 48, 60, 72		Plenum	
AccuRibbon® Flat Ribbon	4, 6, 8, 12 & 24	N/A	Riser, LSOH & Plenum	24 Fiber cable contains 2 x 12-fiber ribbons