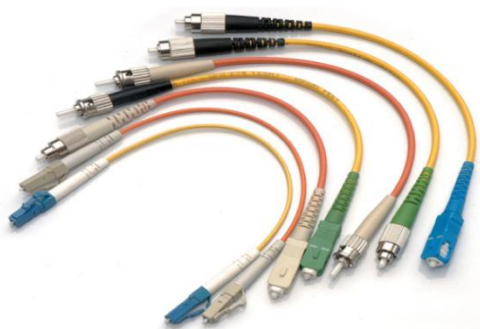




**PATCH CABLE ASSEMBLIES AND PIGTAILS**



**Product Description:**

UNISOL™ provides an extensive line of high performance fiber assemblies. All assemblies are fully intermatable with any standard coupling adapter products and deliver high stability under a range of application conditions. All cable assemblies are designed to comply with Telecordia GR-326 CORE standards for performance and reliability.

Product Features	Applications
<ul style="list-style-type: none"> <li>➤ Standard or Custom Configurations</li> <li>➤ Multimode and Single mode Options</li> <li>➤ Low insertion loss &amp; Low back reflections</li> <li>➤ High precision ceramic ferrule with good concentricity</li> <li>➤ Good performance endurance under changing circumstances</li> </ul>	<ul style="list-style-type: none"> <li>➤ Local Area Networks</li> <li>➤ Telecommunication networks</li> <li>➤ CATV Distribution Networks</li> <li>➤ Point to Point Systems</li> <li>➤ Wide Area Networks</li> <li>➤ Industrial Applications</li> </ul>

**Specifications**

Parameters*	SC,ST,FC,LC,MU					MTRJ	E2000	
	SPC	PC	UPC	APC	PC		PC	APC
End Face Finish	SPC	PC	UPC	APC	PC	FLAT	PC	APC
Mode	SM	SM	SM	SM	SM	SM	SM	SM
Insertion Loss** - IL (dB)	≤ 0.4	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.5	≤ 0.1	≤ 0.1
Return Loss - RL (dB)	≥ 45	≥ 50	≥ 55	≥ 60	≥ 35	≥ 35	≥ 55	≥ 85
Repeatability (500 Mating) - IL	≤ 0.2dB							
Operating Temperature (o C)	-40 to 70 oC							
Temperature Cycling (-40 to 70 oC) - IL (dB)	≤ 0.1dB							
Temperature Cycling (-40 to 70 oC) - RL (dB)	≤ 5dB							
Vibration Loss Change - IL (dB)	≤ 0.1dB							
Vibration Loss Change - RL (dB)	≤ 5dB							
Cable Retention Loss Change - IL (dB)	≤ 0.1dB							
Cable Retention Loss Change - RL (dB)	≤ 5dB							

**\*\* Unisol have IL < 0.2dB Patch Cords with Geometrical Parameters**

## Unisol Fiber Optic Cable Assemblies-Combinations



END-1		CABLE	END-2	
CON TYPE	FINISH	PVC / LSZH	CON TYPE	FINISH
FC	SPC	9/125 OS1 - 900u	FC	SPC
SC	PC	9/125 OS1 - 2mm Simplex	SC	PC
ST	APC	9/125 OS1 - 2mm Duplex	ST	APC
LC	FLAT	9/125 OS1 - 3mm Duplex	LC	FLAT
L C	DUPLEX	9/125 OS1 - 3mm Simplex - Armored	LC DUPLEX	
MU		9/125 OS1 - 3mm Duplex - Armored	MU	
E2000		62.5/125 OM1 - 900u	E2000	
MTRJ		62.5/125 OM1 - 2mm Simplex	MTRJ	
		62.5/125 OM1 - 3mm Simplex		
		62.5/125 OM1 - 2mm Duplex		
		62.5/125 OM1 - 3mm Duplex		
		62.5/125 OM1 - 3mm Simplex - Armored		
		62.5/125 OM1 - 3mm Duplex - Armored		
		50/125 OM2 - 900u		
		50/125 OM2 - 2mm Simplex		
		50/125 OM2 - 3mm Simplex		
		50/125 OM2 - 2mm Duplex		
		50/125 OM2 - 3mm Duplex		
		50/125 OM2 - 3mm Simplex - Armored		
		50/125 OM2 - 3mm Duplex - Armored		
		50/125 OM3 - 900u		
		50/125 OM3 - 2mm Simplex		
		50/125 OM3 - 3mm Simplex		
		50/125 OM3 - 2mm Duplex		
		50/125 OM3 - 3mm Duplex		
		50/125 OM3 - 3mm Simplex - Armored		
		50/125 OM3 - 3mm Duplex - Armored		

**Unisol Can Produce Assemblies based on Customer Requirement**