

SCHNELL FIBER SPLICE PROTECTOR SLEEVE

Schnell Fiber Splice Protector Sleeves safeguard fusion splices with durable heat-shrink polyolefin construction and a stainless-steel strength member. Available in 45 mm and 60 mm lengths, these clear sleeves ensure fiber visibility, environmental sealing, and mechanical resilience across temperature extremes.



MATERIAL CONSTRUCTION		PHYSICAL CHARACTERISTICS			
Outer Tube	: Clear polyolefin	Dimensions	: 45 mm or 60 mm × 3.0 mm (length × diameter)		
Inner Tube	: Polyolefin copolymer (EVA) with hot-melt adhesive	Working Temperature	: -55 °C to +135 °C		
Strength Member	: Rounded & polished 302 stainless steel rod	Ultimate Strength	: 220 kg/cm ²		
Size Options	: 45 mm and 60 mm lengths for single fiber	Elongation-at-Break	: 650%		
		Shrink Temperature	: 95 °C minimum		
		Shrink Time	: Standard: 90 s; Mini/Micro: 30–50 s		
		Water Absorption	: 0.05%		
		Inert to Fungus	: Yes		
		Chemical Resistance	: Excellent (acid, solvents)		
KEY FEATURES		KEY APPLICATIONS			
<ul style="list-style-type: none"> • Clear polyolefin sleeve for visual splice inspection • Heat-shrink construction ensures secure environmental seal • Robust stainless-steel strength member for mechanical protection • Available in 45 mm and 60 mm lengths • Fast shrink time (90 seconds standard) 		<ul style="list-style-type: none"> • Protecting fusion splices in splice trays and closures • Indoor and outdoor fiber optic terminations • FTTH, FTTx installs, and telecom backbone maintenance • Ensuring mechanical and environmental integrity of splices 			
PACKING INFORMATION					
Part Number	Packing Mode	Packing Length	N.W (kg)	G.W (kg)	Dimension (mm)
SCZ-FS45	Carton Box	100 x 5 x 10	11.5	12.5	545 x 260 x 395
SCZ-FS60	Carton Box	100 x 5 x 10	13.0	14.0	545 x 260 x 395
PART NUMBER					
Part Number	Description				
SCZ-FS45	SCHNELL FIBRE SPLICE PROTECTOR SLEEVE 45MM				
SCZ-FS60	SCHNELL FIBRE SPLICE PROTECTOR SLEEVE 60MM				