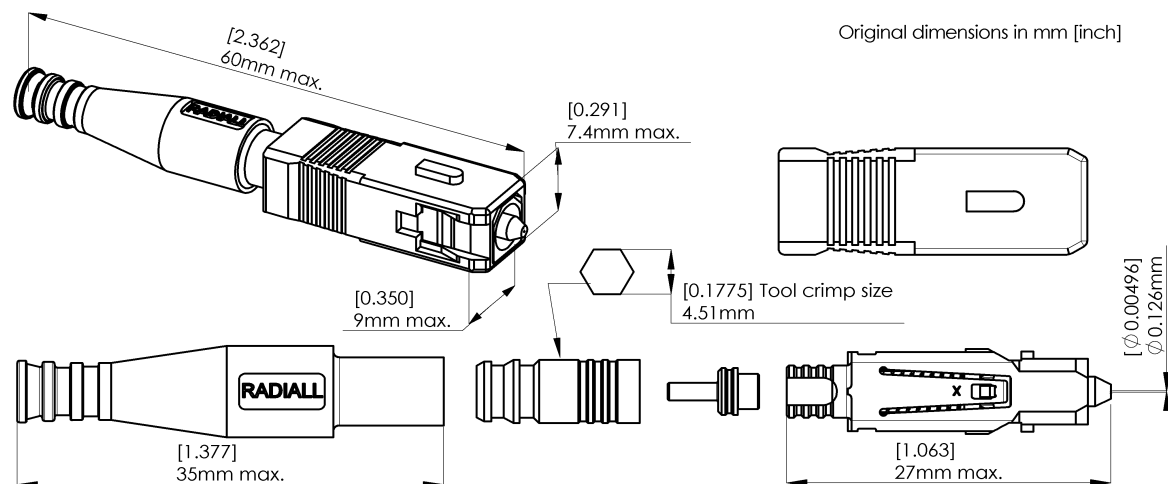


 Optical Fiber Components		TECHNICAL DATA SHEET		F 728 012 500			
SC	SINGLEMODE FIBER OPTIC CONNECTOR			Series	Packaging	Issue	Page
	Outer plug body and boot: color green			F728	1	31Dec.10	1/1
							
GENERAL							
Type	: IEC 61754-4 type SC Singlemode, zirconia APC ceramic ferrule (pencil type) Push-pull latching system, floating ferrule 360°tunable (adjustable to 6 positions for opt imization of random insertion loss)						
Ferrule size	: 126 µm						
Fiber size	: 9.5 /125 µm, singlemode						
Cable	: Ø 2mm, tight or semi loose structure						
Cabling proc.	: Refer to 503 08 400 (D 6121 oe), assembly instruction manual						
CHARACTERISTICS (Dependant on fiber or cable construction)							
Optical	: Attenuation at 1310 and 1550 nm, LD						
		STD	TUNED (IEC 61300-2-40)				
Mean		< 0.2 dB	< 0.2 dB	(Attenuation plug mated with			
Standard deviation		0.15 dB	0.15 dB	reference plug IEC 61300-3-4)			
Max		< 0.8 dB, 97%	< 0.6 dB, 99%	(Attenuation of random mated			
Mean		0.25 dB	0.15 dB	connectors IEC 61300-3-34)			
Repeatability		0.10 dB	0.10 dB	(Maximum loss variation, IEC 61300-2-2)			
Return loss		> 60 dB	> 60 dB	(Maximum loss variation, IEC 61300-3-6)			
Mechanical	: Mechanical endurance			500 matings			
	Cable retention			100 N			
Environmental	: Temperature range (storage/operating)			-40 to +85 °C			

CREATION						RADIALL® 101, rue P. Hoffmann 93116 ROSNY/BOIS FRANCE Tel : (33) 0149353535 Fax : (33) 0148546363
N°:						
PEN/EP: CAT.						
Name: PB						
Date: 11 Aug. 99	31 Dec. 10	Mise à jour performances optiques et mécaniques	SP	HD		
Appr.: LV	Issue	Revisions	Name	Appr.		

4112-9212 This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary