

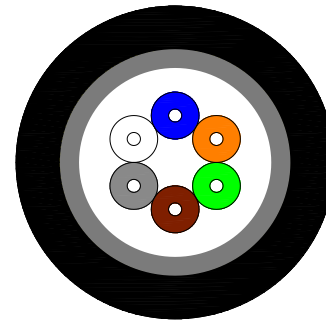
6 STRAND OM3 LSZH Dca - SCP-EASYFIBER™ W/CORNING® CLEARCURVE® -  
 TIGHT BUFFERED DISTRIBUTION, 10G MULTIMODE OM3 50/125, INDOOR/OUTDOOR  
 LSZH EN50575 Dca-s1,d1,a1, BLACK JACKET, 1000FT/305M REEL IN BOX

**SCP PART#:**  
**EF-6DIST-OM3LSZH-BK**

Features at a Glance

- Multimode OM3
- 6 Strand
- Black color
- LSZH-rated for indoor and outdoor applications
- Tight buffered construction
- 4.8mm outer diameter
- Corning® ClearCurve® fiber

**SCP-EasyFiber™**



<b>Specifications</b>			
Fiber Count	6 strands		
Outer Jacket	LSZH, Black color		
Strength Member	Glass Yarn		
Internal Jacket	0.9mm Tight buffer		
Outer Jacket Size	4.8mm		
<b>Physical Characteristics</b>			
Fiber Type	Multimode OM3		
Fiber Core Size	50µm		
Fiber Make	Corning 50/125 ClearCurve®		
Wavelength	850 / 1300nm		
Maximum Attenuation	3.5dB @ 1.5km		
Bandwidth (High Performance EMB)	2000MHz @ 850nm		
Network Link Length (10Gb/s)	300m		
Minimum Bend Radius	7.2mm		
<b>Environmental</b>			
Storage Temperature	-40°C to +70°C		
Operating Temperature	-0°C to +70°C		
Ratings	EN 13501-6, ROHS		
<b>Packaging</b>			
Weight	Dimensions	Package	Packages per Pallet
9.1 kg	39 x 39 x 40cm	1000ft/305m Reel in Box	45

**Optical Characteristics:**  
 Corning Clear Curve® OM3 Multimode fiber

Characteristics	Conditions	Specified Values	Units
<b>Geometrical characteristics</b>			
Core diameter		50±2.5	um
Core non-circularity		≤5	%
Cladding diameter		125.0±1.0	um
Cladding non-circularity		≤1.5	%
Coating diameter		242±5	um
Coating/cladding concentricity error		<12	um
Core/cladding concentricity error		≤1.0	um
<b>Optical characteristics</b>			
Attenuation	850nm	2.3	dB/km
	1300nm	0.6	dB/km
Overfilled modal bandwidth	850nm	1500	MHz*km
	1300nm	500	MHz*km
Effective modal bandwidth@850nm		2000	MHz*km
<b>Application support distance on</b>			
10 gigabit ethernet S 850nm		300	m
1 gigabit ethernet SX 850nm		1000	m
40 &100 gigabit ethernet S 850nm		140	m
Numerical Aperture		0.2±0.015	
Group index of refraction	850nm	1.482	
	1300nm	1.477	
Zero dispersion wavelength		1295~1315	
Zero dispersion slope	1295nm≤λ0≤1315nm	≤0.101	ps/(nm2*km)
Macro bending induced loss	850nm	≤0.05	dB
100 Turns @37.5mm Radius	1300nm	≤0.15	dB
2 turns @15mm Radius	850nm	≤0.1	dB
	1300nm	≤0.3	dB
2 turns @7.5mm Radius	850nm	≤0.2	dB
	1300nm	≤0.5	dB
Environmental characteristics	850nm&1300nm		
Temperature cycling	-60°C to +85°C	≤0.10	dB/km
Temperature-humidity cycling	-10°C to +85°C	≤0.10	dB/km
Water immersion	23°C, 30 days	≤0.20	dB/km

**Cable Jacket Marking :**

STRUCTURED CABLE PRODUCTS INC --- P/N: EF-6DIST-OM3LSZH --- SCP-EASYFIBER™ 10G 6 STRAND TIGHT BUFFERED DISTRIBUTION OM3 50/125, CORNING® CLEARCURVE® A1a.2, ITU G651.1, BEND INSENSITIVE, INDOOR/OUTDOOR RATED, ISO/IEC 11801, ANSI/TIA 568-2.D, TIA/EIA 492AAAC-B, UV LSZH JKT EN50575 Dca-s1,d1,a1 RoHS \*\*\*M