

Low Smoke, Zero Halogen (LSZH) Cable Assemblies

LC Cable Assemblies with LSZH Cable

Product Facts

- For high performance applications/high density
- 125 μ m Ceramic Ferrule Technology
- Small size — half the size of standard SC & FC product
- Singlemode & multimode

- Tuned singlemode assemblies
- Hybrid assemblies available with all standard connectors
- Fully compliant with all relevant IEC, CENELEC and ETSI specifications

Performance Characteristics

Insertion Loss —
 Singlemode: < 0.3 dB Against Reference
 Multimode: < 0.1 dB Typical

Return Loss —
 Singlemode: 55 dB - PC endface
 Multimode: 20 dB

Note: See page 117 for Mode Conditioning LSZH Cable Assemblies

Description	Part Numbers				
	Length (m)				
	1	2	3	5	10
LC - LC Lead Assembly with LSZH Cable					
LC/PC - LC/PC Simplex Singlemode 0.9 mm tuned	6536330-1	6536330-2	6536330-3	6536330-5	1-6536330-0
LC/PC - LC/PC Simplex Singlemode 1.8 mm tuned	6536489-1	6536489-2	6536489-3	6536489-5	1-6536489-0
LC/PC - LC/PC Simplex Multimode 2.0 mm 50/125 μ m	6536490-1	6536490-2	6536490-3	6536490-5	1-6536490-0
LC/PC - LC/PC Simplex Multimode 2.0 mm 62.5/125 μ m	6536500-1	6536500-2	6536500-3	6536500-5	1-6536500-0
LC/PC - LC/PC Duplex Singlemode 1.8 mm tuned	6536501-1	6536501-2	6536501-3	6536501-5	1-6536501-0
LC/PC - LC/PC Duplex Multimode 1.8 mm 50/125 μ m	6536502-1	6536502-2	6536502-3	6536502-5	1-6536502-0
LC/PC - LC/PC Duplex Multimode 1.8 mm 62.5/125 μ m	6536503-1	6536503-2	6536503-3	6536503-5	1-6536503-0

Note: Custom lengths are available. Please contact your local Tyco Electronics Sales Representative.

SC Cable Assemblies with LSZH Cable

Product Facts

- 125 μ m Ceramic Ferrule Technology
- Small size — half the size of standard SC & FC product
- Singlemode & multimode
- Tuned singlemode assemblies

- Hybrid assemblies available with all standard connectors
- Fully compliant with all relevant IEC, CENELEC and ETSI specifications

Performance Characteristics

Insertion Loss —
 Singlemode: < 0.3 dB Against Reference
 Multimode: < 0.1 dB Typical

Return Loss —
 Singlemode: 55 dB - PC endface
 Multimode: 20 dB

Note: See page 117 for Mode Conditioning LSZH Cable Assemblies

Description	Part Numbers				
	Length (m)				
	1	2	3	5	10
SC - SC Lead Assembly with LSZH Cable					
SC Duplex/SC Duplex (Ceramic Ferrule) 62.5/125 μ m	5349578-1	5349578-2	5349578-3	5349578-5	1-5349578-0
SC/SC Simplex (Ceramic Ferrule) 62.5/125 μ m	5349577-1	5349577-2	5349577-3	5349577-5	
SC Duplex/SC Duplex (Ceramic Ferrule) 50/125 μ m	5349565-1	5349565-2	5349565-3	5349565-5	1-5349565-0
SC/SC Simplex (Ceramic Ferrule) 50/125 μ m	5349564-1	5349564-2	5349564-3	5349564-5	1-5349564-0
SC Duplex/SC Duplex (Ceramic Ferrule) 50/125 μ m OM3	6536464-1	6536464-2	6536464-3	6536464-5	1-6536464-0
SC Pigtail with LSZH Cable					
SC/PC Pigtail OM3 0.9 mm 50/125 μ m DES		6536555-2			
SC/PC Pigtail OM3 0.9 mm 50/125 μ m PP		6536561-2			

Note: Custom lengths are available. Please contact your local Tyco Electronics Sales Representative.

Note: All part numbers are RoHS compliant.

Low Smoke, Zero Halogen (LSZH) Cable Assemblies (Continued)

ST Cable Assemblies with LSZH Cable

Description	Part Numbers				
	Length (m)				
	1	2	3	5	10
ST - ST Lead Assembly with LSZH Cable					
ST-ST Simplex (Ceramic Ferrule) 62.5/125 µm	5349573-1	5349573-2	5349573-3	5349573-5	1-5349573-0
ST-ST Duplex (Ceramic Ferrule) 62.5/125 µm	5349574-1	5349574-2	5349574-3	5349573-5	1-5349574-0
ST-ST Simplex (Ceramic Ferrule) 50/125 µm	5349560-1	5349560-2	5349560-3	5349560-5	1-5349560-0
ST-ST Duplex (Ceramic Ferrule) 50/125 µm	5349561-1	5349561-2	5349561-3	5349561-5	1-5349561-0

Note: Custom lengths are available. Please contact your local Tyco Electronics Sales Representative.

Note: See page 117 for Mode Conditioning LSZH Cable Assemblies

MT-RJ Cable Assemblies with LSZH Cable

Description	Part Numbers				
	Length (m)				
	1	2	3	5	10
MT-RJ to MT-RJ Lead Assembly with LSZH Cable					
MT-RJ to MT-RJ Singlemode	6206621-1	6206621-2	6206621-3	6206621-5	1-6206621-0
MT-RJ to MT-RJ Multimode 50/125 µm	6206617-1	6206617-2	6206617-3	6206617-5	1-6206617-0
MT-RJ to MT-RJ Multimode 62.5/125 µm	6206613-1	6206613-2	6206613-3	6206613-5	1-6206613-0
MT-RJ to MT-RJ Multimode 50/125 µm OM3	6536462-1	6536462-2	6536462-3	6536462-5	1-6536462-0
MT-RJ Pigtail with LSZH Cable					
MT-RJ Jack male Pigtail bare OM3			6536556-1		
MT-RJ Jack male Pigtail 50/125 µm			6348942-1		
MT-RJ Jack male Pigtail 62.5/125 µm			6348941-1		
MT-RJ Jack male Pigtail 9/125 µm Singlemode			6391366-1		

Note: Custom lengths are available. Please contact your local Tyco Electronics Sales Representative.

Hybrid Cable Assemblies with LSZH Cable

Description	Part Numbers					
	Length (m)					
	1	2	3	5	10	15
LC - SC Lead Assembly with LSZH Cable						
LC/PC - SC/PC Simplex 0.9 mm tuned	6536504-1	6536504-2	6536504-3	6536504-5	1-6536504-0	
LC/PC - SC/PC Simplex 1.8 mm tuned	6536505-1	6536505-2	6536505-3	6536505-5	1-6536505-0	
LC/PC - SC/PC Simplex Multimode 2.0 mm 50/125 µm	6536506-1	6536506-2	6536506-3	6536506-5	1-6536506-0	
LC/PC - SC/PC Simplex Multimode 2.0 mm 62.5/125 µm	6536507-1	6536507-2	6536507-3	6536507-5	1-6536507-0	
LC/PC - SC/PC Duplex Singlemode 1.8 mm tuned	6536508-1	6536508-2	6536508-3	6536508-5	1-6536508-0	
LC/PC - SC/PC Duplex Multimode 1.8 mm 50/125 µm	6536509-1	6536509-2	6536509-3	6536509-5	1-6536509-0	
LC/PC - SC/PC Duplex Multimode 1.8 mm 62.5/125 µm	6536510-1	6536510-2	6536510-3	6536510-5	1-6536510-0	
LC - MT-RJ Lead Assembly with LSZH Cable						
LC/PC - MT-RJ Duplex Singlemode 1.8 mm tuned	6536511-1	6536511-2	6536511-3	6536511-5	1-6536511-0	
LC/PC - MT-RJ Duplex Multimode 1.8 mm 50/125 µm	6536512-1	6536512-2	6536512-3	6536512-5	1-6536512-0	
LC/PC - MT-RJ Duplex Multimode 1.8 mm 62.5/125 µm	6536513-1	6536513-2	6536513-3	6536513-5	1-6536513-0	
MT-RJ to SC Lead Assembly with LSZH Cable						
MT-RJ - SC Duplex Singlemode	6391153-1	6391153-2	6391153-3	6391153-5		
MT-RJ - SC Duplex Ceramic Ferrule Multimode 50/125 µm	6206619-1	6206619-2	6206619-3	6206619-5	1-6206619-0	
MT-RJ - SC Duplex Ceramic Ferrule Multimode 62.5/125 µm	6206615-1	6206615-2	6206615-3	6206615-5	1-6206615-0	
MT-RJ - SC Simplex Ceramic Ferrule Multimode 50/125 µm	6206618-1	6206618-2	6206618-3	6206618-5	1-6206618-0	
MT-RJ - SC Simplex Ceramic Ferrule Multimode 62.5/125 µm	6206614-1		6206614-3	6206614-5	1-6206614-0	
MT-RJ - SC Multimode 50/125 µm OM3	6536463-1	6536463-2	6536463-3	6536463-5	1-6536463-0	
MT-RJ to ST Lead Assembly with LSZH Cable						
MT-RJ - ST Singlemode 9/125 µm		6348093-2				1-6348093-5
MT-RJ - ST Ceramic Ferrule Multimode 50/125 µm	6206620-1	6206620-2	6206620-3	6206620-5	1-6206620-0	
MT-RJ - ST Ceramic Ferrule Multimode 62.5/125 µm	6206616-1	6206616-2	6206616-3	6206616-5	1-6206616-0	

Note: Custom lengths are available. Please contact your local Tyco Electronics Sales Representative.

Note: All part numbers are RoHS compliant.