



D019x-SF|sc

**Description**

*DME PROLINK's* Cat-7 S/FTP cable guarantees Category 7 performance ensuring maximum network speed, data throughput and efficiency.

**Features & Benefits**

- ✓ Performance exceeding Category-7 specifications of 600MHz
- ✓ Performance compliance to ISO/IEC 11801 and ANSI/TIA/EIA-568C.2
- ✓ Third-Party Certified UL/ETL
- ✓ Fire-rated to IEC 60332-1
- ✓ Covered by the *DME PROLINK* Warranty Program
- ✓ AWG 23

**Standards**

*DME PROLINK's* Cat-7 S/FTP cable complies to the following standards:

- ISO 11801
- EN 50288-2-1
- EN 50173
- IEC 61156-5-1
- EIA/TIA 568C.2
- EC Verified

TECHNICAL DATA



**Technical Assistance**  
Middle East - +971 (4) 8118000  
[www.ecsglobalwire.com](http://www.ecsglobalwire.com)



# Horizontal Cable Category 7 S/FTP

## Cable with LSZH Sheath

Category	S/FTP-CAT7-4P-LSZH-TC40						
Test Standard	ISO/IEC 61156-5;EN 50288-4 ,YD/T1019						
Conductor	Material	SOLID-Bare Copper					
	Nom.O.D.(mm)	0.580	<table border="1"> <tr> <td>up</td> <td>+0.005</td> </tr> <tr> <td>down</td> <td>-0.005</td> </tr> </table>		up	+0.005	down
up	+0.005						
down	-0.005						
Insulation	Material	Skin-foam-skin PE					
	Diameter	1.350±0.05 mm					
Inner Screening Material	Aluminum Foil	Drain wire	No				
Outer Screening	Tinned copper 0.10mm	Coverage	≥40%				
Sheath	Material	Thickness	0.55±0.05 mm	Sheath Physical Propertie  Before Aging Tensile Strength (Mpa) ≥10.0 Elongation (%) ≥125  Aging Period (°C×hrs) 100°C×24h×7d  After Aging Tensile Strength (Mpa) ≥8 Elongation (%) ≥100  Cold bend (-20±2°C×4h) 8×Cable O.D. , No visible cracks			
	Material	External O.D.	7.9±0.5 mm				
		Surface	Clean				
		Material	LSZH				
		Color	According to the requires				
Surface Printing	Letter height	3.0±0.3mm	Impedance(Ω) : (1-100MHz) 100±15Ω (100-250MHz) 100±18Ω (250-600MHz) 100±25Ω  Delay Shew (ns/100m) ≤25				
	Color	Black					
	Print error & Space	≤±0.5% , 1m					
Core Color	1 White/Blue	2 White/Orange	Velocity of Propagation (%) 74  unbalanced-to-ground capacitance (pf/100m) max 330  DC Resistance (Ω/100m) max 9.5  DC Conductor Resistance Unbalanc (%) max 2.0				
	3 White/Green	4 White/Brown					
Packing	Wooden Tray & Carton		Electrical Characteristics (20°C)				
Wooden Tray dimension	According to the requires						
Packing length	305±1.0m						
Rip-cord	Yes						

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<b>D</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>x</b>	<b>-</b>	<b>S</b>	<b>F</b>	<b>I</b>	<b>s</b>	<b>c</b>
<b>x</b>				<b>Pin assigned by ECS</b>						
0-9				Inventory Management Index						
<b>s</b>				<b>Shielding</b>						
SF				S/FTP						
<b>l</b>				<b>Length</b>						
3				305m						
5				500m						
10				1000m						
<b>s</b>				<b>Sheath Construction</b>						
PV				PVC						
LS				LSZH						
PE				Outdoor (PE Sheath)						
<b>c</b>				<b>Sheath Color</b>						
GY				Grey						
BU				Blue						
OR				Orange						
BK				Black						

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**Web Site: [www.ecsglobalwire.com](http://www.ecsglobalwire.com)**

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