



CATEGORY 8 SOLUTIONS

APPLICATION

❖ CATEGORY 8 to provide better frequency characteristics, therefore supporting higher speeds of data. Cat8 is capable of supporting bandwidths of up to 2 GHz (2000 MHz) for up to 30 meters of cabling. Cat8 can also support 25Gbps/ 40Gbs speeds up to a maximum channel length of 30 meters. The physical appearance of Cat8 cable is similar to lower category cables and still terminated in RJ45 connections.

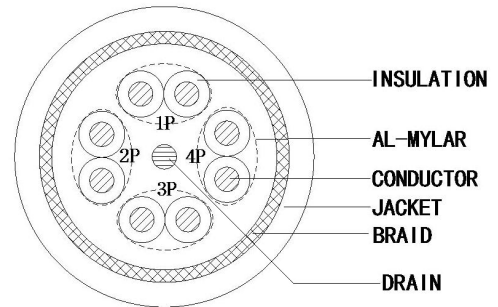
PRODUCT FACTS

❖ INDOOR USE - 305M

PRODUCT CODE

❖ S/FTP-ALL-C8-OR

TECHNICAL DATA



DESCRIPTION	SPECIFICATION
Physical Characteristics	Spec No :- TX-023A0831-A
Conductor Material Construction (AWG)	22AWG Bare Solid Copper Conductor 1/0.620±0.01
Insulation Material Average Thickness (mm)	FOPE 0.47(REF)
Inside-Tape Wrap Material Overlap Rate (%)	AL-MYLAR 25%
Weaving Construction Material	16/6/0.12±0.007 Aluminium Magnesium Alloy Wire
Jacket OD (mm) Material Diameter (mm) Average Thickness (mm)	/ PVC 8.2±0.35 0.65 (REF)
Electrical Characteristics	
Voltage rating	30V
Temperature rating	75°C
Dielectric strength	AC-500V/MIN
Insulation resistance	100M Ohms.KM MIN at 20°C
Tensile strength before aging	≧ 1.05kg/mm ²
Elongating before aging	> 100%
Wooden drum - 380x380x300(mm)	Weight = 23.5Kgs