

S/FTP Category 6A Stranded Cable Data Sheet

PN:06-8416

Cross Section	Performance																																																													
	<p>ELECTRICAL CHARACTERISTICS(20°C)</p> <p>MAX.CONDUCTOR DC RESISTANCE (/KM)#26:138</p> <p>MIN.INSULATION RESISTANCE (/KM)PE:100M</p> <p>DIELECTRIC STRENGTH AC-500V/1 MIN NO BREAKDOWN</p> <p>D-C RESISTANCE UNBALANCE:MAX2%</p> <p>PAIR-TO-GROUND CAPACITANCE UNBALANCE:MAX. 330PF/100M</p> <p>INPUT IMPEDANCE: 4-500MHz 100+/-15ohm 100-500MHZ 100+/-22ohm</p> <p>MEAN CHARATERISTIC IMPEDANCE@100MHZ: 100+/-5 OHMS</p> <p>NOMINALE VELOCITY OF PROPAGETION(NVP) 68+/-2%</p>																																																													
Marking	<p>PROPAGATION DELAY @ 100MHZ \cong 537.6 ns/100M</p> <p>PROPAGATION DELAY SKEW:MAX. \cong 45ns/100M</p> <p>PREQUENCY RANGE MINIMUN REQUIREMENTS(EQUATIONS)</p>																																																													
Jacket Marking:	<p>INSERTION LOSS 4-500MHZ IEC61156-6:EQUATION(2).CONSTANT VALUES SEE TABLE 4 CAT.6A</p> <p>RETURN LOSS 4-500MHZ IEC61156-6:SEE TABLE 10</p> <p>INPUT IMPEDANCE 4-500MHZ IEC61156-6:SEE TABLE 10</p>																																																													
DIREKTRONIK CATEGORY 6A PATCH CABLE S/FTP 26AWG 4 PAIRS VERIFIED TO EIA/TIA 568B 001M.....305M	<p>NEXT 4-500MHZ IEC61156-6:EQUATION(6),CONSTANT VALUES SEE TABLE 6 CAT.6A</p> <p>PS NEXT 4-500MHZ IEC61156-6:EQUATION(5),CONSTANT VALUES SEE TABLE 6 CAT.6A</p> <p>ELFEXT 4-500MHZ IEC61156-6:EQUATION(7),CONSTANT VALUES SEE TABLE 6 CAT.6A</p> <p>PS ELFEXT 4-500MHZ IEC61156-6:EQUATION(7),CONSTANT VALUES SEE TABLE 6 CAT.6A</p>																																																													
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Conductor Bare Copper																																																														
4 Twisted Pair 8C																																																														
AWG 26																																																														
Construction (± 0.01 MM) 7/0.16																																																														
Stranded Dia.(MM) 0.152																																																														
Insulation HD-PE																																																														
Nom.Thickness (± 0.02 MM) 0.18																																																														
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Shield/Braid AL/AL-Mg																																																														
Overlap(%) 25%																																																														
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Insulation																																																														
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P3:Green & Wh/GRN P4:Brown & Wh/BRN																																																														
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Designed By:

Date:

App

Date: