FEATURES AND SPECIFICATIONS

Features and Benefits

Molex Premise Networks PowerCat (C5E) 4 Pair U/UTP cable, has been designed to support high speed data transmission systems. This cable is part of the PowerCat System range of products, that have been designed based on the PowerSum principle of crosstalk measurement and testing. We recommend that the full range of

PowerCat products is used in a system to maximise cabling performance,

Enhanced performance 4 pair LS0H

EN 50173 2nd Edition, ISO/IEC 11801 2nd Edition, EIA/TIA 568B.2.1

providing extended frequency response and enhanced bandwidth.

Category 5E Compliant Colour coded pairs for ease of

Commerical Standards

Cable

termination 305m easy spool box

Technical Information

Mechanical Characteristics		
Conductor Size:	24 AWG Soft Plain	
	Copper	
Primary Insulatio	n: Solid Polyethylene	
Nominal O.D.:	0.51mm	
Sheath:	LS0H 332.1	
Minimal Wall:	±0.03mm	
Nominal O.D.:	5.2mm	
NVP:	67%	

Maximum Pulling Force: 100N

Electrical/Optical Characteristics

D.C. Resistance:	9.8 Ω/km
Crosstalk (dB) @ 1MHz @ 16MHz @ 100MHz	65.3 47.3 35.3
0	3/100m): 2 8.2 22
PS NEXT: @ 1MHz @ 16MHz @ 100MHz	62.3 44.4 32.3
U U	63.8 39.7 23.8
PS ELFEXT: @ 1MHz @ 16MHz @ 100MHz	60.8 36.7 20.8
Return Loss: @ 1MHz @ 16MHz @ 100MHz	20 25 20.1
PSACR: @ 1MHz @ 16MHz @ 100MHz	60 36 10
Skew:	45ns max

Shipping Weight: 305m box: 9.12kg

ORDERING INFORMATION

Order No.	SAP No.	Description
39-504-5E	Consult Molex	PowerCat C5E Cable 305m box U/UTP LS0H - Violet

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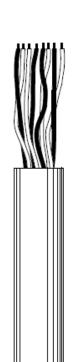
Americas Tel: 630 969 4550 www.molexpn.com

ΕΜΕΑ Tel: 44 (0)2392 205800 www.molexpn.co.uk

APAC Tel: 61 3 9971 7111 www.molexpn.com.au

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molex[®] PowerCat[™] 5E

Cable U/UTP LS0H

Please refer to our website at http://www.molexpn.com/About-Us/Our-Warranty.html for terms and conditions of any resulting warranty. This information is correct at the time of publication, specifications are subject to change.

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