

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED	04/17/12	DFP



Cat 5e Surface Mount Box 1-port  
 Approximate size (2.2"x1.72"x1.10")  
 COLOR: IVORY

**Specifications**

UL certified  
 Cat 5e/Cat 5+ Connecting Hardware of  
 ANSI/TIA/EIA-568-B.2, ISO/IEC 11801,  
 CENELEC EN 50173  
 Meet IEC 60603-7

**Electrical**

Current Rating: 1.5 Amps  
 Insulation resistance: 500 Mohms minimum  
 Contact resistance: 20 mohms maximum  
 DC resistance: 0.1ohms maximum  
 Exceed enhanced Cat.5 requirements

**Mechanical**

Plug insertion life: 750 cycles minimum  
 Plug & jack contact force: 100 grams  
 minimum using FCC-approved plug  
 Plug retention force: 30 lbs minimum  
 Temperature: -40° to 150°F (-40° to 68°C)

**Physicals**

Housing: high impact flame retardant plastic, UL 94V-0 rated  
 Jack wiring: 50m"/1.27 mm of gold over 100m"/2.54 mm of nickel  
 Connector: Insulation displacement connector (IDC) accept 22-26 AWG solid wires

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +3% / -0% ALL OTHER DIMENSIONAL TOLERANCES: .X = ±.2 .XX = ±.02 .XXX = ±.005	APPROVALS DRAWN BY D.PARHAM CHECKED BY ENG APPROVED BY D.FRISIELLO	DATE 04/17/2012 04/17/2012 04/17/2012	45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845			
	CATEGORY <b>TELECOM/MODULAR</b>			PRODUCT DESCRIPTION <b>SRFCE MNT BOX 1 PRT RJ45</b>		
	PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>		FSCM NO. <b>43321</b>	DWG. NO. <b>SMB45-I</b>
	SCALE: NONE		CAD FILE: SMB45-I.SLDDRW		SHEET 1 OF 1	