



MATERIAL

Housing: High-impact Polycarbonate (PC resin), UL 94 V-0 rated
 Jack Contacts: 5100W spring temper phosphor bronze round wire, $\varnothing=0.018$ in (0.45 mm), plated with 50 μ in (1.27 μ m) minimum thick hard gold over 100 μ in (2.54 μ m) minimum thick nickel underplate
 Contact Holder: High-impact Acrylonitrile Butadiene Styrene (ABS resin), UL 94 V-0 rated
 PCB: FR4, UL 94 V-0 rated
 RoHS compliant

PERFORMANCE

MHz Support: 1~100 MHz
 Compliant: Support TIA-568-C.2 Cat.5e Channel environment
 Bandwidth Support: 10/100/1000 Mbps



LISTED **UL 1863**
41VN **COMMUNICATIONS-CIRCUIT**
E191644 **ACCESSORIES**

DRAWN BY Autumn Lee					Another quality product from BLACK BOX 726-746-8308 • www.blackbox.com			
APPROVED BY Jerry Su					TITLE CAT5e Straight Coupler Unshielded, White			
DIMENSIONS ARE [IN (MM)]					PARTS NO. FM506-R2, FM506-R2-10PAK			
TOLERANCES:					REV. 1			
~0.8"	~2"	~6"	6"~	ANGLE	DATE 2010/04/19			
±0.007"	±0.015"	±0.02"	±0.06"	2°	SCALE X			
3rd Angle Projection					SHEET 1/1			