

FEATURES:

- Magnetic designs to support every PHY
- Meet or exceed IEEE 802.3af and ANSI X3.263 standards
- Meet IEEE 802.3at standards
- including 350uH min OCL with 8mA bias
- Minimum 1500Vrms isolation per IEEE 802.3 requirement
- Designed for 100 base transmission over UTP-5 cable
- Size same as RJ-45 modular jack to save PCB board Space
- Recognized by UL 60950-1



YUAN DEAN SCIENTIFIC



RJ45 Jack

13F-67 SERIES

With Magnetics Modules

Single Port

10/100 Base-TX

PoE & PoE+

TAB Down



ELECTRICAL SPECIFICATIONS@25°C

Operating temperature 0°C TO 70°C

Part Number	Turns Ratio Pri:Sec. ±3%		EMI Fingers	LED (L/R)	Insertion Loss (dB max)	Return Loss (dB min @100 Ω)					Crosstalk (dB TYP.)	Common Mode Rejection (dB TYP.)			Hipot (V _{rms} min)
	TX	RX				0.3-100 MHz	0.5-30 MHz	40 MHz	50 MHz	60-80 MHz		0.3-100 MHz	0.3-30 MHz	30-60 MHz	
13F-67BYGDD2NL	1CT:1CT	1CT:1CT	YES	Y/G	-1.1	-18	-15.5	-13.6	-12	-38	-50	-40	-30	1500	
13F-67CGYDS2NL	1CT:1CT	1CT:1CT	YES	G/Y	-1.1	-18	-15.5	-13.6	-12	-38	-50	-40	-30	1500	

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