

PoE 802.3af standard connections, switch/send end. Max 57V
 Cat5 360mA @ 50V per conductor, total 36W, would drop to 31.6W after 100M, 25.5 ohms
 X-over/Normal_____ ---10/100--- -----Gigabit-----

T568A	T568B	Pin	mode B	mode A	mode B	mode A
W/G	W/O	1	RX+	RX+ DC+	TX/RX A+	TX/RX A+ DC+
G/W	O/W	2	RX-	RX- DC+	TX/RX A-	TX/RX A- DC+
W/O	W/G	3	TX+	TX+ DC-	TX/RX B+	TX/RX B+ DC-
Bu/W	Bu/W	---4--	DC+	Unused	TX/RX C+ DC+	TX/RX C+
W/Bu	W/Bu	---5--	DC+	Unused	TX/RX C- DC+	TX/RX C-
O/W	G/W	6	TX-	TX- DC-	TX/RX B-	TX/RX B- DC-
W/Bn	W/Bn	7	DC-	Unused	TX/RX D+ DC-	TX/RX D+
Bn/W	Bn/W	8	DC-	Unused	TX/RX D- DC-	TX/RX D-

(Catch below)_____ The wire colours are given as main/stripe
 802.3at max input 57V 600mA 30W regulated in negotiated steps, minimum 25.5W to load

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W/O	W/G	3	TX+	TX+ DC-	TX/RX B+	TX/RX B+ DC-
Bu/W	Bu/W	---4--	DC+	Unused	TX/RX C+ DC+	TX/RX C+
W/Bu	W/Bu	---5--	DC+	Unused	TX/RX C- DC+	TX/RX C-
O/W	G/W	6	TX-	TX- DC-	TX/RX B-	TX/RX B- DC-
W/Bn	W/Bn	7	DC-	Unused	TX/RX D+ DC-	TX/RX D+
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O/W	G/W	6	TX-	TX- DC-	TX/RX B-	TX/RX B- DC-
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Bu/W	Bu/W	---4--	DC+	Unused	TX/RX C+ DC+	TX/RX C+
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O/W	G/W	6	TX-	TX- DC-	TX/RX B-	TX/RX B- DC-
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