



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Balanced Star™ design achieves best noise suppression Use economical UTP and star configuration Passive design is transparent to hosts and terminals Wire runs can be up to 2000 feet from the host to any terminal Five Year Warranty 	<p>The ETS TP2000 Balanced Star™ Hub is designed to give system AS400 and S3X networks greater system dependability by delivering clear signals in both directions to IBM® specifications. The TP2000 uses minimum components and no external power source for greater reliability.</p> <p>The TP2000 uses patented*, system transparent, impedance-matched Balanced Line™ technology achieves outstanding impedance balance, and low noise performance. Balanced Line™ technology rejects most reflected and induced noise within network wiring and allows the greatest signal distance of any non-powered hub. The TP2000 comes in sizes to support 2, 4 or 8 host ports and up to 56 ports available for workstations within one rack or wall mount enclosure.</p>	<ul style="list-style-type: none"> Processor to terminal connections in a star topology over UTP wiring. Supports – <ul style="list-style-type: none"> IBM® System AS400/S3X IBM® Terminals PC's w/5250 emu. Cards. IBM® Printers

* US Patent # 5,097,234, Passive impedance matching device

Specifications		Product Ordering Information	
Connectors	RJ45 pins 4 & 5 (opt. 1 & 2)	TP2000-1-45-x	7 ports, RJ45, 1 host, 1 - 19" rack space
Environmental	0 to 80° C, 10 to 95% humidity, non-condensing	TP2000-2-45-x	14 ports, RJ45, 2 hosts, 1 - 19" rack space
Impedance	100Ω +/- 15% at 1 MHz	TP2000-4-45-x	28 ports, RJ45, 4 hosts, 2 - 19" rack spaces
Noise Rej. CMRR	60 dB min.	TP2000-8-45-4	56 ports, RJ45, 8 hosts, 3 - 19" rack spaces
Thru Attenuation	< 14.5 dB		
Physical	H x W x D, mm; Net Weight (kg)		
TP2000-1-xxx	45 x 250 x 79; 0.39		
TP2000-2-xxx	45 x 483 x 74; 0.77		
TP2000-4-xxx	89 x 483 x 74; 1.27		
TP2000-8-xxx	133 x 483 x 74; 2.04		
		-45-x, where x is 4 (pins 4 & 5) or x is 1 (pins 1 & 2) -11-x, where x is 3 (pins 3 & 4) or x is 2 (pins 2 & 5)	

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