



Patapsco's PacketBand-ISDN range Product Comparison

PacketBand-ISDN Model Comparison Chart

	ISDN-1B	ISDN-4B	ISDN-8B	ISDN-1P	ISDN-2P	ISDN-4P
Number of BRI	1	4	8	-	-	-
Possible Number TE* BRI Ports	1	0/2/4	0/2/4/6/8	-	-	-
Possible Number NT* BRI Ports	-	0/2/4	0/2/4/6/8	-	-	-
Number of PRI	-	-	-	1	2	4
Possible Number TE* PRI Ports	-	-	-	1	1/2	1/2/3/4
Possible Number NT* PRI Ports	-	-	-	1	1/2	1/2/3/4
Max Number Logical Links	2	8	16	32	64	64**
ANSI (US) BRI Signalling - Nat-1, DMS, 5ESS	✓	✓	✓	-	-	-
ANSI (US) PRI Signalling - Nat-2, DMS, 5ESS	-	-	-	✓	✓	✓
ETSI (Euro) BRI or PRI versions	✓	✓	✓	✓	✓	✓
ANSI to ETSI Conversion	x	✓	✓	✓	✓	✓
Maximum Call Rate (Calls/Sec)	2.5	2.5	2.5	2.5	2.5	2.5
Point-to-Point or Multi-Point BRI	✓	✓	✓	-	-	-
Dual SPIDs	✓	✓	✓	-	-	-
Local Tone Generation	x	✓	✓	✓	✓	✓
A-law to μ-law Conversion	x	✓	✓	✓	✓	✓
Transparent "B" channels	✓	✓	✓	✓	✓	✓
Clock Recovery/Synchronisation	✓	✓	✓	✓	✓	✓
Number Conversion/Translation	✓	✓	✓	✓	✓	✓
Power-Failure Relay between pairs of PRIs NT/TE	-	-	-	-	✓	✓
VLAN Handling	✓	✓	✓	✓	✓	✓
QoS	✓	✓	✓	✓	✓	✓
TCXO Oscillator fitted as standard	✓	✓	✓	✓	✓	✓
Enhanced TCXO Option	✓	✓	✓	✓	✓	✓
Compatible with SIP Server Option	✓	✓	✓	✓	✓	✓
Number of local Ethernet Ports	1	3	3	3	3	3
Local Ethernet Port "Rate-Limiting"	✓	✓	✓	✓	✓	✓
On-Board Event Log	✓	✓	✓	✓	✓	✓
AC Supply	✓	✓	✓	✓	✓	✓
Optional DC Supply	✓	✓	✓	✓	✓	✓
Optional POE	✓	x	x	x	x	x
Network Stats & Graphs	✓	✓	✓	✓	✓	✓
Free DbLite	✓	✓	✓	✓	✓	✓
Dbmanager Options	✓	✓	✓	✓	✓	✓

* "TE" ports look like a carrier-delivered interface and usually connect to user devices; NT looks like a user interface and normally would connect to an ISDN network.

** 128 end Q1'07.

All details subject to change without notification E&OE

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