Balun Panel, 75/120Ω, 2-8Mbit/s, E1 & E2, Shielded
19" 1RU, 40x1.6/5.6 (f) to 20xRJ45 (f)
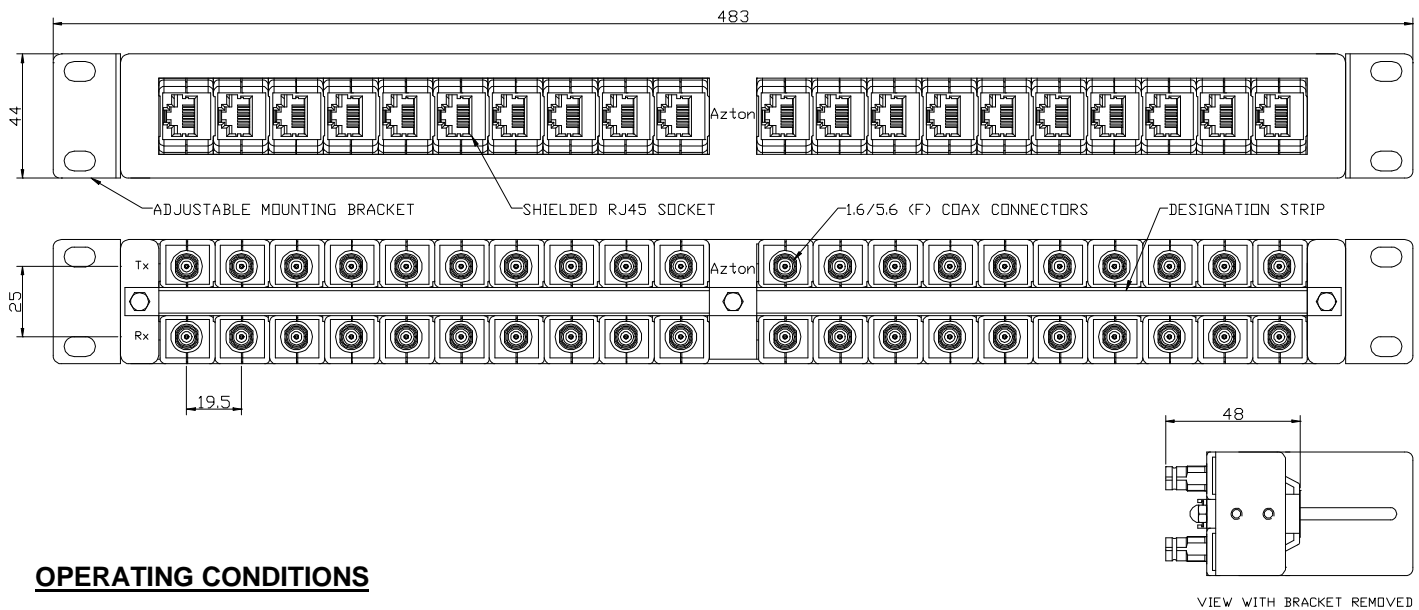

OPERATING CONDITIONS

Matching Impedance:	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rate:	2Mbit/s (E1) and 8Mbit/s (E2) per ITU-T G.703 Line Code
Signal Level:	2.37V nominal peak voltage at the coaxial end per G.703
Working Temperature:	-30°C to 75°C

ELECTRICAL SPECIFICATIONS

Insertion Loss:	< 0.15dB from 51kHz to 3.072MHz (2Mbit/s, E1) and < 0.20dB from 211kHz to 12.673MHz (8Mbit/s, E2) in both directions
Return Loss:	Exceeds G.703 requirements by >13dB for 2Mbit/s and >8dB for 8Mbit/s
Pulse Shape:	Exceeds G.703 requirements for 2Mbit/s and 8Mbit/s
Cross Talk:	< -70dB from 51kHz to 12.673MHz between channels
Isolation Voltage:	> 250V DC for 1 minute

MECHANICAL SPECIFICATIONS

Coaxial Connector:	1.6/5.6 female to IEC 169-13 Body: Brass, Plated Cu/Ni5/Au0.8 Pin: Beryllium Copper, Plated Cu/Ni5/Au1.25 Insulator: Teflon Mating Cycles: 500min
RJ45 Connector:	Contacts: Phosphor Bronze, Plated Ni/Au Moulding: PBT Glass Filled, Black Shield: Brass, Plated Sn
Mouldings:	ABS-PC, Black
Panel:	Steel, Zinc Sealed and Powder Coated Black
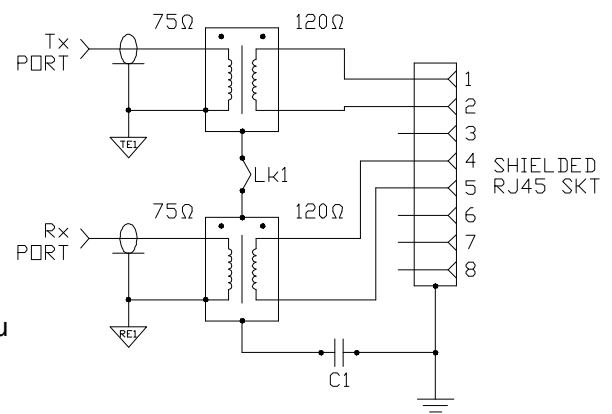
ACCESSORIES

Mounting Brackets:	For 21" and 23" racks
Dual Balun Modules:	For alternative coax connectors or bit rates