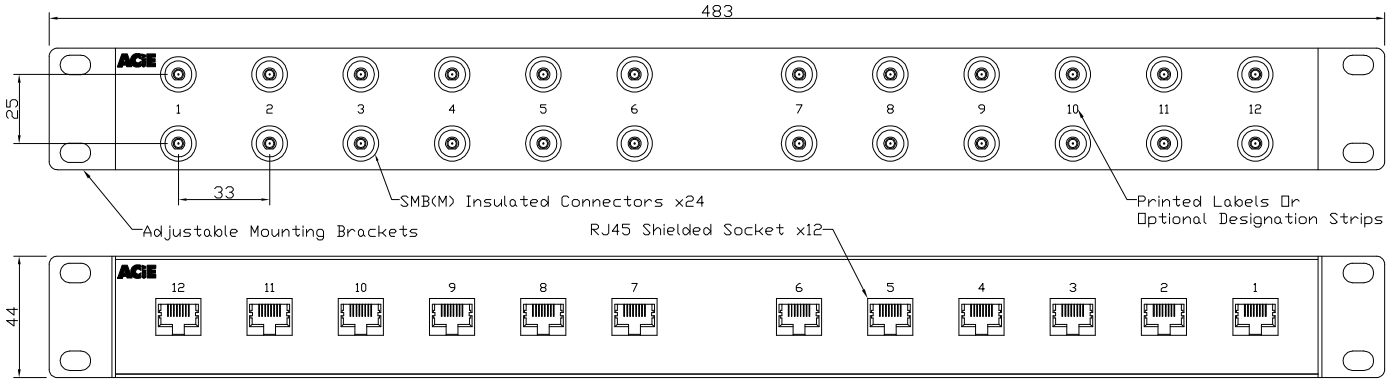
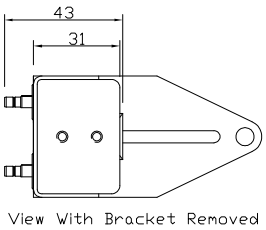
Balun Panel, Shielded, 19” 1RU
SMB(m) x24 to RJ45(f) x12
75/120Ω, 2-8Mbit/s

M1308322R1





View With Bracket Removed

ELECTRICAL

Matching Impedance:	75Ω unbalanced coaxial to 120Ω balanced twisted pair
Bit Rates:	2Mbit/s and 8Mbit/s as G.703 Line Code
Return Loss:	2Mbit/s and 8Mbit/s exceeds G.703 requirements
(in both directions)	(>25dB from 51kHz - 3072kHz)
Insertion Loss:	<0.2dB from 51kHz to 3072kHz and <0.3dB from 211kHz to 12.672MHz in both directions
Cross Talk:	>65dB from 51kHz to 12.672MHz
Pulse Shape:	2Mbit/s and 8Mbit/s as per G.703
Isolation Voltage:	250V DC between input and output
Signal Levels:	2.37V nominal peak voltage at 2Mbit/s and 8Mbit/s at the coaxial end as per G.703

MATERIALS

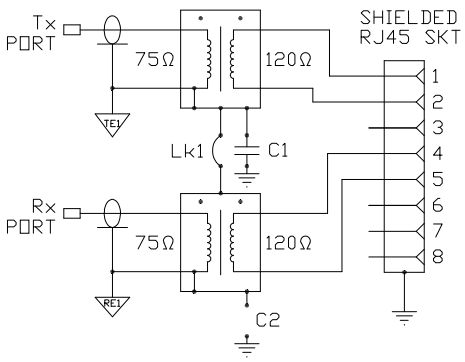
Panel:	Steel zinc coated, powder coated black
Coax Connector Outer Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
Coax Connector Insulator:	PTFE
Coax Connector Inner Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
Panel Insulator:	Thermoplastic, Black
RJ45 Housing:	PBT Glass Filled, Black
RJ45 Contacts:	Phosphor Bronze. Finish Ni/Au
RJ45 Shield:	Brass. Finish Sn

COAXIAL CONNECTOR (75Ω)

SMB Series:	To IEC 169-10

RJ45 CONNECTOR

Type:	Shielded, 8 Position, 8 Contact



ENVIRONMENTAL

Working Temperature:	-30°C to 75°C
RoHS Compliance:	To EU Directive 2011/65/EU

MOUNTING OPTIONS

Mounting brackets are reversible to allow either the coaxial connectors or the RJ45 sockets to be mounted to the front.
The brackets also allow the panel to be recessed up to 40mm.
Optional brackets for mounting in ETSI and 23” racks are available.

E-mail: connect@acande.com