- Combines Critical Communication and Public Mobile Services
- Up to 5 complete Telecommunication bands
- Selectable bands: TETRA, UHF, E-GSM, LTE 1800, UMTS, optional LTE 800, LTE 2600
- Full Band Operation
- Master-Slave architecture with optical fibre connection
- Up to 32 Slaves on 1 Master unit
- Full remote control and monitor access via the Master unit
- RF and M&C communication on single fibre connection
- Various topologies
- Redundant master & optical operation
- Ethernet and SNMP data connection
- NMS compatible
- Summary alarm and external alarm event signalling for supervisory systems
- Typical application at Airports, Stadiums, Hospital and University Complexes

BRMM10

BRSM12

DAS MASTER UNIT EXAMPLES

	Technical					
Model	Gain	Abs. max input power level	No. of Bands	Max number of optical modules	Max number of slaves	Redundant support
BRMM10	-10 dB	+20 dBm	5	4	16	
BRMM11	-10 dB	+20 dBm	4	4	16	
BRMM12	-10 dB	+20 dBm	5	4	16	
BRMM13	-10 dB	+20 dBm	5	4	16	✓
BRMM14	-14 dB	+20 dBm	5	4	16	✓

DAS SLAVE UNIT EXAMPLES

		Composite downlink RF power per band					Construction		
Model	No. of Bands	TETRA	UHF	E-GSM	LTE 1800	UMTS	Wall mount	19" rack mount	Dual Optical Feed
BRSM10	5	24 dBm	24 dBm	27 dBm	33 dBm	36 dBm		✓	
BRSM11	4	24 dBm	-	27 dBm	33 dBm	36 dBm		✓	
BRSM12	5	24 dBm	24 dBm	27 dBm	33 dBm	36 dBm		✓	✓
BRSM14	5	24 dBm	24 dBm	27 dBm	33 dBm	36 dBm	✓		

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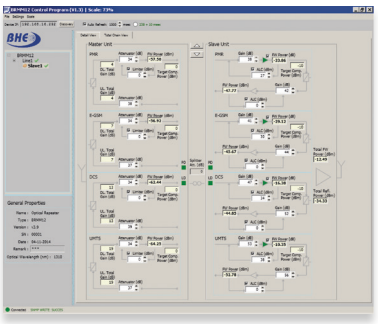
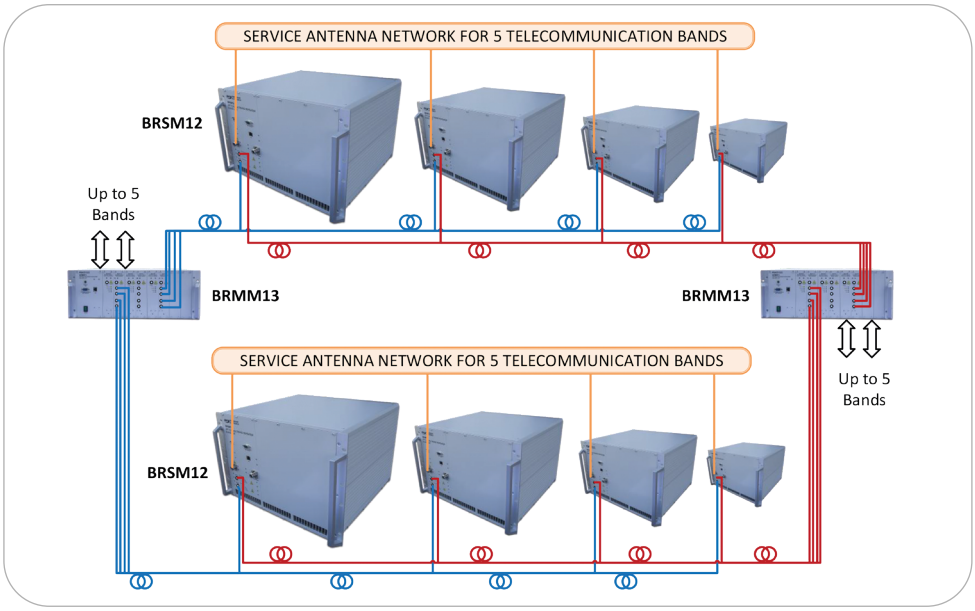
GRAPHICAL USER INTERFACE

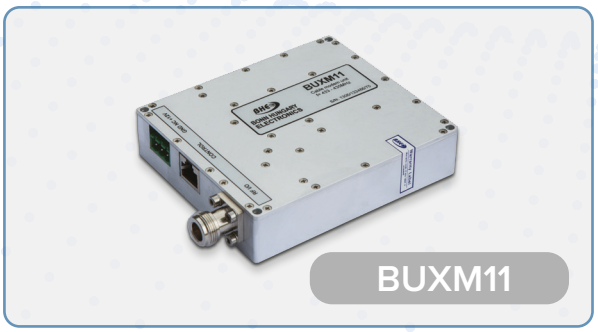
- Clear and transparent interface for M&C functions
- RF and bias parameter information
- Status and alarm signal indication
- Topology overview in tree structure
- Individual Slave control window for each bands
- Summary window for each Master – Slave connection
- Full access via MIB browser



SYSTEM ARCHITECTURE

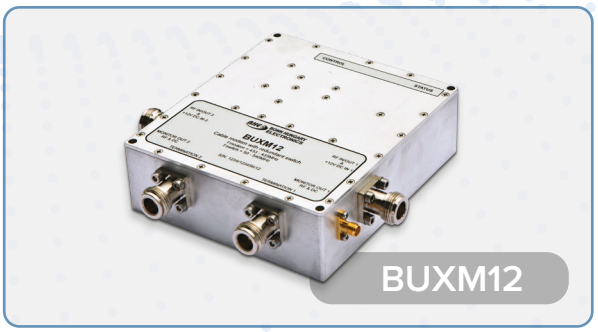


ADDITIONAL EQUIPMENT



CABLE BREAK MONITOR UNIT

Active RF monitoring with pilot signal
Tuneable pilot signal
Device detection via LAN connection
High measurement dynamic range



CABLE BREAK MONITOR & REDUNDANT SWITCH

Active RF monitoring with programmable pilot signal
Automatic switch over
RF monitor ports
High power handling

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