

## AON2400 2 or 4-Port 2x2 Node Platform

Features	
<ul style="list-style-type: none"> <li>1GHz Bandwidth</li> <li>Deep Fibre Node with 4 High Outputs (50dBmV)</li> <li>Compact Housing</li> <li>Suitable for MDU, SMB</li> <li>GaAs Technology</li> </ul>	<ul style="list-style-type: none"> <li>5 Modules Slots, 2 RX, 2 TX, 1 TXP</li> <li>Modular Return Transmitter(FP or DFB)</li> <li>Optional Burst Mode</li> <li>15 Amp Power Passing</li> <li>LED Status Indicators</li> <li>DOCSIS HMS Transponder</li> </ul>

Specifications ( Forward and Return )	
Optical Wavelength (Forward Path)	1200~1600nm
RF bandwidth	54/85~1003MHz
Optical Input Power	-3 to +2dBm; -9 to -3dBm ( High Gain Rx )
RF Output Level	50dBmV @ 0dBm, 60 PAL, 3% OMI
CNR	52dB (77ch NTSC, 15km fibre, -1dBm receive )
CSO/ CTB	-63dBc/-67dBc
Operating Temp	-40 to 60 °C
Dimensions (W x D x H)	297x220x156mm
Optical Wavelength (Return Path)	1310, 1550, CWDM
RF Bandwidth	5~42 MHz, 5~65 MHz
Output Power	3dBm ( RF input > threshold )
RF Input Level threshold	15 to 25 dBmV
RFoG Burst Mode RTX NPR	20dBmV @ 30dB



## AON1200 1or 2-Port Node Platform

Features	
<ul style="list-style-type: none"> <li>1GHz Bandwidth</li> <li>Deep Fibre Node with 1 or 2 High Outputs</li> <li>Compact Housing</li> <li>Suitable for MDU, SMB</li> <li>Compact Optical Receiver</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for MDU Application</li> <li>1x112dBuV or 2x108dBuV</li> <li>AGC -6 to +1dBm</li> <li>GaAs Technology</li> <li>Optional HMS Transponder for EMS</li> </ul>

Specifications ( Forward and Return )	
Optical Wavelength (Forward Path)	1200~1600nm
RF bandwidth	54/85~1003MHz
Optical Input Power	-7 to +2dBm (AGC -6 to +1dBm)
Output Level	1x112 or 2x108dBuV @ -6 to +1dBm
CNR	51dB (77ch NTSC @ -1dBm receive )
CSO /CTB	-63dBc/-67dBc
Operating Temp	-40 to 60 °C
Dimensions (W x D x H)	240x115x195mm
Optical Wavelength (Return Path)	1310, 1550, CWDM
RF Bandwidth	5~42 MHz, 5~65 MHz
Output Power	3dBm ( RF input > threshold )
RF Input Level threshold	15 to 25 dBmV



## AON1000 1 or 2-Port Optical Receiver

### Features

- 870MHz or 1GHz Bandwidth
- Deep Fiber Optical Receiver with 1 or 2 High Outputs (1x112dBuV or 2x108dBuV)
- Compact Housing
- Suitable for MDU, SMB
- GaAs Technology
- Excellent Linearity
- AGC -6 to +1dBm
- 15 Amp Power Passing
- LED Status Indicators
- HMS Transponder Interface

### Specifications ( Forward Only )

Optical Wavelength (Forward Path)	1200~1600nm
RF bandwidth	47~862 or 1003MHz
Optical Input Power	-9 to +3dBm;
RF Output Level	1x112 or 2x108dBuV @ -6 to +1dBm
CNR	49dB (79ch NTSC, 15km fibre, -3dBm receive )
CSO/ CTB	-65dBc/-66dBc
Operating Temp	-40 to 60 °C
Dimensions (W x D x H)	297x220x156mm



## AON160 High Output Mini Node

### Features

- 1GHz RF Spectrum
- High RF Output up to 110dBuV
- Compact Housing
- Suitable for MDU, SMB
- Optical AGC
- Optical Test Point
- Excellent Linearity
- Return Transmitter (1310, 1550, CWDM)
- Single Fiber WDM options
- LED Status Indicators

### Specifications ( Forward and Return )

Optical Wavelength (Forward Path)	1200~1600nm
RF bandwidth	54/85~1003MHz
Optical Input Power	-3 to +2dBm (AGC -3 to +2dBm)
Output Level	110@ -1dBm, 78NTSC, 3.5% OMI
CNR	51dB (78NTSC + 75QAM, -1dBm receive, 3.5% OMI)
CSO/ CTB	-61dBc/-64dBc
Operating Temp	-40 to 60 °C
Dimensions (W x D x H)	150 x 48 x 131 mm
Optical Wavelength (Return Path)	1310, 1550, CWDM
RF Bandwidth	5~42 MHz, 5~65 MHz
Output Power	3dBm ( RF input > threshold )
RF Input Level threshold	20dBmV @-1dBm, 3.5% OMI



## ARF200 Compact 1 or 2-port Line Extender

### Features

- 1GHz RF Spectrum
- Deep Fibre Architecture
- 1 or 2 High Outputs
- Compact Housing
- Suitable for MDU installation
- 1x108dBuV or 2x105dBuV
- GaAs Technology

### Specifications

RF bandwidth	54~1003 MHz
RF Output Power	108dBuV@1003MHz (1p); 105dBuV@1003MHz (2p) 98dBuV@54MHz (1p); 94dBuV@54MHz (2p)
RF Return Bandwidth	5 to 42, 5 to 65MHz ( Diplex Filter )
RF Gain Forward	>=30dB ( 1 and 2 ports )
RF Gain Return	>=20dB ( 1 and 2 ports )
CNR	62dB (77ch NTSC, -1dBm receive )
CSO /CTB	-75dBc/-75dBc
Operating Temp, °C	-40 to 65
Dimensions (W x D x H)	254x222x157mm



## ARF100 Low Cost 1 or 2 port Line Extender

### Features

- Deep Fibre Architecture
- 1003MHz Bandwidth
- Cost Effective
- 1 High Output
- Compact Housing
- Suitable for MDU installation
- 1x108dBuV
- GaAs FET Technology
- 15 Amp Current Passing
- Optional AGC

### Specifications

RF bandwidth	54~1003 MHz
RF Output Power	108dBuV@1003MHz (1p); 108dBuV@1003MHz (2p) 100dBuV@54MHz (1p); 100dBuV@54MHz (2p)
RF Return Bandwidth	5 to 42, 5 to 65MHz ( Diplex Filter )
RF Gain Forward	>=34dB ( 1 and 2 ports )
RF Gain Return	>=22dB ( 1 and 2 ports )
CNR	62dB (77ch NTSC, -1dBm receive )
CSO/CTB	-65dBc/-68dBc
Operating Temp, °C	-40 to 65
Dimensions (W x D x H)	290x136x203mm

