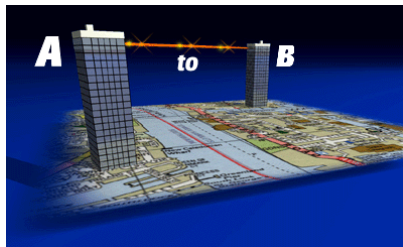# CableFree
Wireless Excellence

CableFree Solutions Limited
Holly House, St Clare Business Park,
Holly Road, Hampton Hill, Middlesex TW12 1QQ
T: +44 (020) 8941 7975   E : info@cablefreesolutions.com
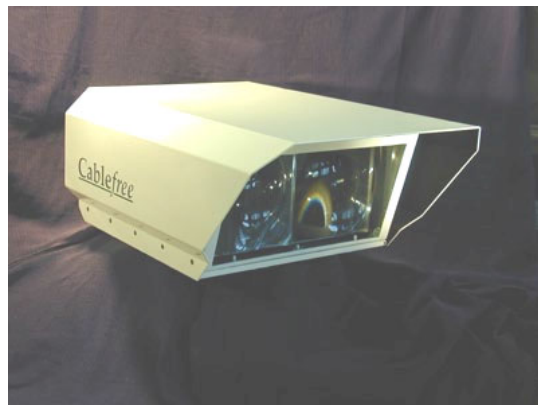F: +44 (020) 8941 2410   W: www.cablefreesolutions.com

Cablefree Access - Product Overview

System Features

- Full-duplex bandwidth from 1.5Mbps up to 155Mbps

- Range variants support links up to 4,000m

- Fully upgradable via plug-in interface modules

- Rugged environmental IP65 waterproof enclosure

- Full range of PDH & SDH Copper & Fibre interfaces

- Automatic Transmit Power Control (ATPC)

Applications

- Wireless Voice, Data and Video transport

- Last-mile network connections

- GSM & 3G Cellular network interconnect

- Fast Roll-out & Temporary Deployment

Accessories

Mounting Brackets	Wall, Roof, Pole, Tower or Tripod mount options available
Indoor unit	Indoor network termination and SNMP V2 management interface
Alignment kit	Display of Local & Remote signal levels
Management Suite	Full range of solutions including LinkManager™, AlarmView™, ClusterManager™, GSM modem

System Specifications

Environmental	IP65 weather-sealed unit
Power supply	options for 115V ac, 230V ac, 48V dc
Alignment	Mechanical sight, 10-stage RSSI meter, FM audio circuit & tones, handheld test set.

System Variant	A1000	A2000	A4000
Performance			
Range	1,000m	2,000m	4,000m
Bandwidth	155Mbps	155Mbps	155Mbps
Power Consumption	35W	35W	35W
Operating Temperature	-20…+60 deg C	-20…+60 deg C	-20…+60 deg C
Optical			
Wavelength	980nm	980nm	980nm
Transmit Power	+19.0dBm	+25.4dBm	+25.4dBm
Beamwidth	8mRad	8mRad	5mRad
Safety Classification	Class 1M (IEC)	Class 1M (IEC)	Class 1M (IEC)
Receiver Type	Enhanced APD	Enhanced APD	Enhanced APD
Mechanical			
Dimensions (mm)	531x391x211	531x391x211	750x525x260
Weight	9.0kg	9.0kg	15.0kg