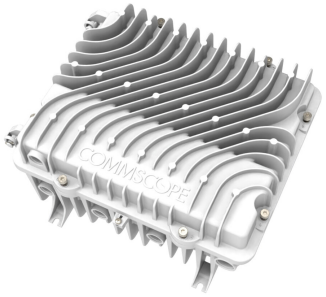
DC2180



DC2180 Compact DAA Node

MSOs worldwide are migrating to Distributed Access Architecture (DAA) to take advantage of the many benefits it offers. CommScope has been the leading provider of DAA devices which include R-PHY, R-MACPHY and R-OLT along with the CCAP Core and Management platforms that complement the DAA solution. These DAA devices fit into CommScope's market-leading nodes portfolio including the OM6000, NC4000/NC2000, and OM4120 solutions.

Further expanding CommScope's node leadership is the new DC2180 node which has been designed specifically for DAA deployments. It is a cabinet-style, compact node suitable for installing in either street cabinets or Multi Dwelling Unit (MDU) environments. The DC2180 offers two RF ports and IP67 ingress protection when using Line (remote) power. In addition, the DC2180 housing and RF module provides a third RF port to support future applications.

The CommScope DC2180 supports both R-PHY and R-MACPHY DAA deployment architectures. For operators looking to deploy R-PHY-based networks, the CommScope R-PHY S-RPD module can be installed in the DC2180 and connected to a CCAP Core such as CommScope's E6000® CER. In addition, for operators looking to migrate to R-MACPHY-based networks, CommScope offers RD2312 RPD /RMD device. This module leverages the same capabilities and architecture our market leading RD2322 RPD/RMD but is designed specifically for the DC2180 DAA node. The RD2312 will provide 1 DS x 2 US SG D3.1 RMD along with US and DS Overlay functionality.

- Compact-sized cabinet-style node for DAA deployments
- Two RF ports, 1.2 GHz downstream with up to 1 DS X 2 US Service Groups
- Up to 114 dBµV output power levels, Field-upgradable Plug-in Diplexers
- Supports CommScope E6000n RPD or RD2312 RMD DAA Module
- RD2312 is 1 DS x 2 US SG D3.1 RMD based on RD2322 RMD

Product Classification

Regional Availability	Europe
Product Type	Remote PHY device (RPD)
Ordering Note	Available in the United Kingdom