Multinetwork Optical Backbone

ONE FIBER OPTIC CABLE CARRYING MANY SIGNALS AUDIO, VIDEO, CONTROL, ETHERNET…
DELIVERED KILOMETERS FAR AWAY MAINTAINING THE ORIGINAL SIGNAL INTEGRITY

The DGlink MOB incorporates WDM and MTP/MPO technologies to deliver a framework that transports up to 24 discrete networks over a hybrid power+data backbone. Leveraging hybrid LK Connectors and **eurocable**, DGlink MOB is designed for large broadcast and entertainment applications that require power and multiple transport and control protocols to be transported over extended distances.

The DGlink MOB can be configured to support multiple signals: 3G HD-SDI, MADI, Dante, AES67, sACN, and Art-Net. (Dark Fiber ports are also available on request)
Single Mode and Multi-Mode configurations are available and can support distances up to 120 km. DGlink MOB WDM modules comply with ITU G.695 and G.696 ITU o T G.652 (11/2009) standards and can provide up to 18 discrete channels in a single enclosure.

All DGlink Ruggedized Redundant Switch I/O port options are also available in the DGlink MOB.
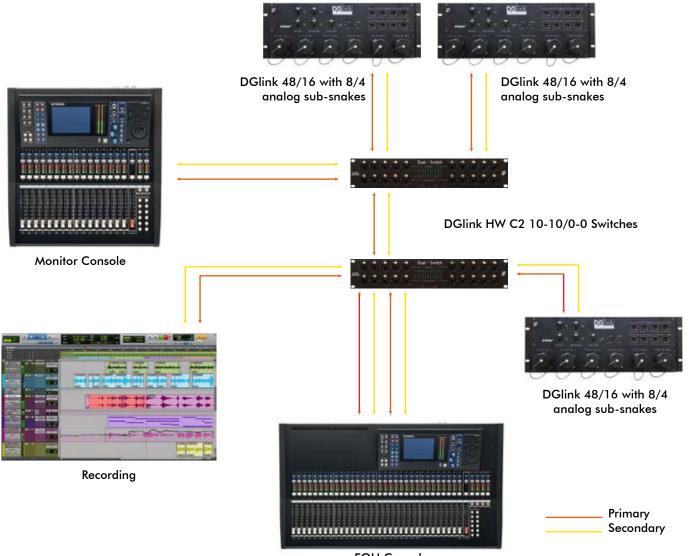
Optical:

■ Single-mode and Multi-mode

■ Link LKG/LKO

■ Expanded Beam/HMA

■ Neutrik OpticalCON QUAD

■ Neutrik OpticalCON DUO

■ SC

■ LC

Copper:

■ Neutrik etherCON

■ 100 Mbps

■ 1000 Mbps

■ 10 Gbps

Networking Diagram

DGlink 48/16 with 8/4
analog sub-snakes

DGlink 48/16 with 8/4
analog sub-snakes

DGlink HW C2 10-10/0-0 Switches

Monitor Console

DGlink 48/16 with 8/4
analog sub-snakes

Recording

FOH Console

Primary
Secondary

MULTINETWORK BACKBONE
Starting from 4 different redundant networks

- Dante Primary
- Dante Secondary
- DMX/AXN
Ethernet/Access Point service

MADE IN ITALY