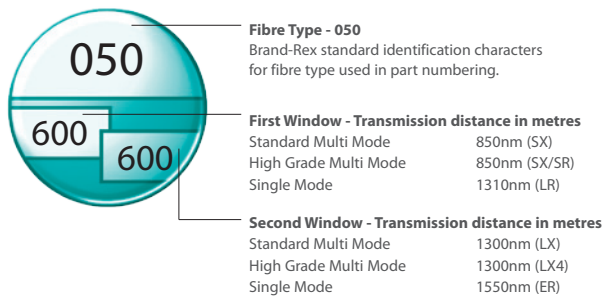


Transmission Distance Identification



The FibrePlus product range can be used for conventional structured cabling systems installations and for centralised optical fibre installations. FibrePlus supports the cabling schemes as described in ISO/IEC 11801 and TIA/EIA 568C.

Link transmission distances are either attenuation limited or bandwidth limited. In attenuation limited installations the individual loss of each component is summed for all the parts in the link and the sum must fall within the loss limit for the fibre type.

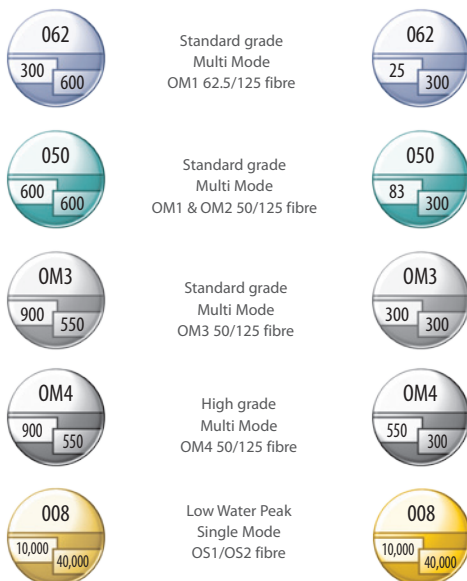
In bandwidth limited applications the overall reach is given as a maximum distance supportable.

Optical Performance

The optical performance of the cable required by the current published and new draft standards is shown in the table below.

Gigabit Ethernet

10 Gigabit Ethernet



Fibre Type	Maximum Attenuation (dB/km) 850nm	Maximum Attenuation (dB/km) 1300nm
062	3.5	1.5
050	3.5	1.5
OM3	3.5	1.5
OM4	3.5	1.5

Fibre Type	Maximum Attenuation (dB/km) 1310nm	Maximum Attenuation (dB/km) 1550nm
OS1	1.0	1.0
OS2	0.4	0.4