



Brand-Rex technical brief 021

Installing and Testing CAT6Plus for 10GBASE-T

Brand-Rex recommends the use of screened CAT6Plus cabling for 10GBASE-T applications.

The products to be used are;

Patch panel	Modular snap-in panel MMCPNLX24SIJ2 with C6CJAKF0K2 snap-in jack (24 port- 1U)
Cable	C6F/FTP or C6STP (available in PVC, HF1 or HF3 sheaths)
Jack	C6CJAKF0K2
Patchcords	C6CPCSxxx-yyyH (x denotes length, y denotes colour code)

Full four-connector, 100 metres design rules may be used according to ISO 11801:2002.

The performance guaranteed is to IEEE 802.3an and TIA/EIA TSB 155. The installed cabling should be tested with an appropriate tester such as the Fluke DTX 1800 with the software set to TSB 155 or IEEE 802.3an, Permanent Link.

Brand-Rex unscreened modular jacks and cables may be used in two-connector models up to 55 metres, however the EMC/EMI and alien crosstalk performance of this combination may be difficult to determine until the standards are more fully defined.