

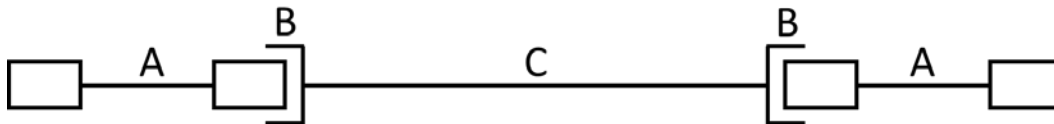


## Panduit 3<sup>rd</sup> Party Approved Category 8 System

Panduit is excited to announce that Intertek has tested and confirmed our Category 8 system meets the latest Category 8 TIA draft standard.

### Category 8 Channel

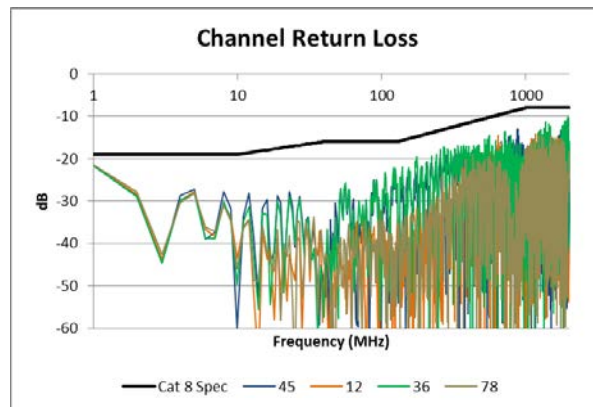
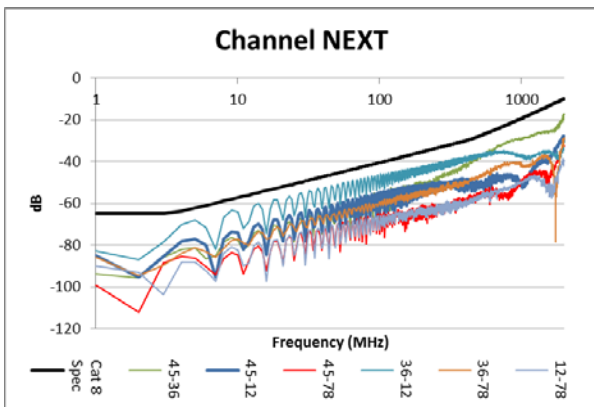
Panduit tested a full 30 meter channel using 24 meters of 23AWG Category 8 horizontal cable connecting 2 Category 8 RJ45 jacks with two different 3-meter 26AWG Category 8 patch cords.



- A: 3-meter Panduit Category 8 26AWG patch cord
- B: Panduit Category 8 jack
- C: 24-meter S/FTP shielded Category 8 cable

### Category 8 Results

These results are a subset of the 3<sup>rd</sup> party testing that occurred at Intertek.



### Category 8 Overview

- **Shielded** system supports **both 25GBASE-T and 40GBASE-T**
- Maximum channel reach of **30 meters** with up to **2 connectors per channel**
- Jacks are designed to be **field terminable**
- **Bandwidth of 2000 MHz**, far beyond existing Cat 6 and Cat 6A systems
- Standard published as early as **Q2 2016**; product available soon after standard publication



0      250 MHz      500 MHz      2000 MHz

Cat 6      Cat 6A      Cat 8