

Pre-Terminated fanout



Breakout-style fiber optic cable (also called breakout cable or fanout cable), is an optical fiber cable containing several jacketed simplex optical fibers packaged together inside an outer jacket. This differs from distribution-style cable, in which tight-buffered fibers are bundled together, with only the outer cable jacket of the cable protecting them. The design of breakout-style cable adds strength for ruggedized drops. Breakout cable is suitable for short riser and plenum applications and also for use in conduits, where a very simple cable run is planned to avoid the use of any splicebox or spliced fiber pigtailed. Because each fiber is individually reinforced, the cable can be easily divided into individual fiber lines. Each simplex cable within the outer jacket may be broken out and then continue as a patch cable, for example in a fiber to the desk application in an office building. This enables connector termination without requiring special junctions, and can reduce or eliminate the need for fiber optic patch panels or an optical distribution frame. Breakout cable requires terminations to be done with simple connectors, which may be preferred for some situations. A more common solution today is the use of a fanout kit that adds a jacket to the very fine strands of other cable types. Pre-connectorized multi-fiber cable is becoming more popular for fiber installation project. It is definitely an efficient and economical solution rather than on site termination or splicing. Just simply lay the cable and do patching.

FEATURES

- Internal and external Use
- 2mm and 3mm cable for 4, 8 and 12 way breakout for ruggedised use
- 2mm cable for 16 and 24 way breakout for ruggedised use
- Staggered tails or fan-out
- Labelled for identification
- Choice of cable colour
- Single mode and multi mode fibre options
- Choice of connectors available in OPTiFab Connector range
- Clear protective sock
- Available in custom lengths
- Supplied with test certificate and optical results

