

Title (en)

FERRULES WITH COMPLIMENTARY MATING GEOMETRY AND RELATED FIBER OPTIC CONNECTORS

Title (de)

HÜLSE MIT ENTSPRECHENDER ANPASSUNGSGEOMETRIE UND GLASFASERVERBINDER DAMIT

Title (fr)

VIROLES À GÉOMÉTRIE D'ACCOUPLEMENT COMPLÉMENTAIRE ET CONNECTEURS DE FIBRE OPTIQUE ASSOCIÉS

Publication

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Application

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Abstract (en)

[origin: WO2012015734A1] Optical fiber ferrules (10, 20) with complementary mating geometry that are suitable for making optical connections are disclosed along with fiber optic connectors and cable assemblies using the same. In one embodiment, the fiber optic ferrule (20) includes a body (22) having a plurality of optical pathways (14) and a mating geometry that has at least one guide pin (25) that is monolithically formed in the body of the fiber optic ferrule and at least one spring retention feature (27) disposed on a rear portion of the ferrule. The ferrule reduces the number of parts required for a fiber optic connector and allows quick and easy assembly. The disclosure is also directed to fiber optic connectors and cable assemblies using the ferrule.

IPC 8 full level

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