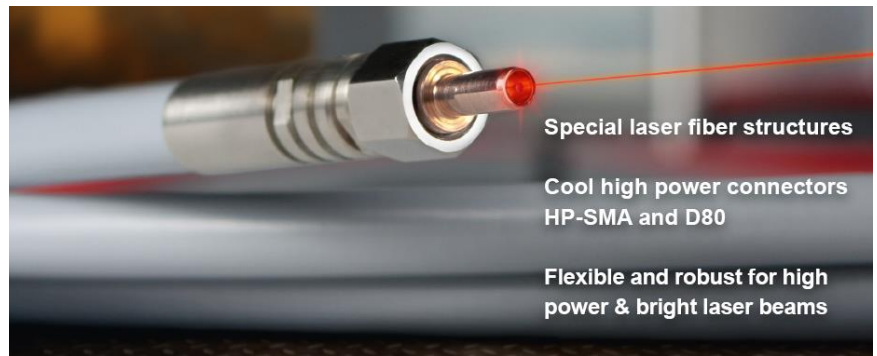


HIGH POWER LASER MODULE WITH FIBER OUTPUT

ALC-200-F

Features

AKELA's Laser cables are the best for laser power delivery with high brightness and beam quality, while High Power connectors of special design stay cool even when mode-stripping effect is provided. Robust design of our laser cables secures the long term industrial & medical applications.



Special laser fiber structures
Cool high power connectors
HP-SMA and D80
Flexible and robust for high power & bright laser beams

Applications

- Welding of Metals & Plastics
- Cutting & Drilling
- Surface Treatment
- Medical

Specifications

Parameter	Units	
Spectral range	nm	350 – 2400 (standard); 180- 1200 (optional)
Fiber Core Diameter	μm	100, 200, 400, 800, 1000, 1200, 1500
Numerical Aperture		0.22 (standard); 0.12 (optional)
Fiber Connector		HP-SMA; HD-80
Fiber Jacket	W	Nylon, Tefzel, Acrylate, Al, Cu
Cable Sheath		Bend radius restricting PVC coated Stainless Steel monocoil
		Bend radius restricting silicon coated Stainless Steel
Operating Temperature		-40°C to +600°C (Cu coated)
Cable Length	m	1.5 & 3 (optional: from 5cm to 50m)



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold. Akela laser Corporation reserves right to change any specifications.