DATA SHEET

FID-30R

Fibre identifier with optical power meter

FEATURES

- High sensitivity - the FID-30R offers world-class signal detection, even on bend-insensitive fibres.
- Power meter with an interchangeable connector head for use with SC / FC / ST / LC types.
- Functional, ergonomic design - easy to maintain proper pressure on the test fibre and operate in narrow spaces.



FIBRE TYPE	Single-mode
SHEATH / COUNT	0.25mm coating, ribbon fibre up to 12-fibre, or fibre cord: 1.1mm, 1.5mm, 1.7mm, 2mm or 3mm
WAVELENGTH RANGE	900nm to 1700nm
DETECTABLE LIGHT SIGNALS	Traffic signal (CW), light signal with modulated tones at 270Hz, 1kHz or 2kHz (square wave 50 ± 10% of duty cycle)
SHOCK RESISTANCE	76cm drop
OPERATING CONDITIONS	-10°C to 50°C, 0 to 95% RH
STORAGE CONDITIONS	-20°C to 60, 0 to 95% RH
POWER SUPPLY / BATTERY LIFE	1.2V to 1.5V DC with two AA batteries, approximately eight hours with alkaline batteries at room temperature
DIMENSIONS	50mm [W] x 115mm [H] x 212mm [D]
WEIGHT	230g including battery
POWER METER - WAVELENGTH RESPONSE	1310nm, 1490nm, 1550nm
POWER METER - DETECTABLE LIGHT SIGNALS	Traffic signal (CW), light signal with modulated tones at 270Hz, 1kHz or 2kHz (square wave 50 ± 10% of duty cycle)
POWER METER - DETECTOR SENSITIVITY	+10 to -60dBm at modulate tone / +1- to -40dBm at CW light (traffic signal)
POWER METER - ACCURACY	Within ± 0.3dB at room temperature

FIBERARC
equipment for telecom

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DATA SHEET

FID-31R
Fibre dentifier

FEATURES

- High sensitivity - the FID-31R offers world-class signal detection, even on bend-insensitive fibres.
- Functional, ergonomic design - easy to maintain proper pressure on the test fibre and operate in narrow spaces.
- Capable of detecting ONU signals.



FIBRE TYPE	Single-mode
SHEATH / COUNT	0.25mm coating, ribbon fibre up to 12-fibre, or fibre cord: 1.1mm, 1.5mm, 1.7mm, 2mm or 3mm
WAVELENGTH RANGE	900nm to 1700nm
DETECTABLE LIGHT SIGNALS	Traffic signal (CW), light signal with modulated tones at 270Hz, 1kHz or 2kHz (square wave 50 ± 10% of duty cycle)
SHOCK RESISTANCE	76cm drop
OPERATING CONDITIONS	-10°C to 50°C, 0 to 95% RH
STORAGE CONDITIONS	-20°C to 60, 0 to 95% RH
POWER SUPPLY / BATTERY LIFE	1.2V to 1.5V DC with two AA batteries, approximately eight hours with alkaline batteries at room temperature
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