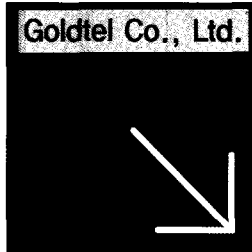


Best Products of Member Companies



www.n-goldtel.co.kr

(주)골드텔 Goldtel Co., Ltd.(광주 / Gwangju)

대표 : 이재수 CEO : Jae-Soo Lee

제품명 : 현장조립형 광커넥터 (Field-installable optical connector)

제품특징

- 간편하게 편리한 조립성
- 조립시간이 1분정도 소요
- 광섬유 용착 접속기 불필요
- 연마작업, 접착제 고정 및 전원 불필요
- 조립을 위한 별도의 부가 도구(고정, 삽입/탈착용 공구 등) 불필요
- 월등한 가격 경쟁력
- 상용화된 기존 일반 커넥터 구성부품을 활용하고, 플라스틱 성형 사출에 의한 재료비 절감
- 뛰어난 현장 적용성
- 조립 시간의 단축(1분정도 소요)
- 작업성 및 조립의 완성도에 따른 주변 환경 개선으로 광커넥터 내부오염도 낮음

Product Features

- Easy, convenient assembly
- Takes about 1 min, for assembly
- No optical fiber fusion splicer needed
- No polishing, adhesive fixing or electricity needed
- No additional assembly tools(fixing/inserting/attaching/detaching tools) needed
- Highly competitive price
- Parts of regular connectors in the market are used: lower material cost for plastic injection molding
- Excellent performance on the field
- Short assembly time (about 1 min.)
- Its performance and assembly improve work environment and inside contamination of the optical connector

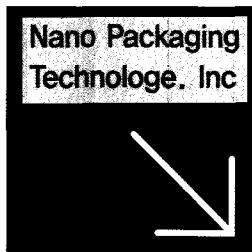
Specifications for GAC and GBC



	GAC	GBC
Parameter	SM : SC/PC, LC/PC	SM : SC/PC, LC/PC
Fiber Type	Single Mode : 9/125 μm	Single Mode : 9/125 μm
Attenuation	1 dB ~ 10 dB	N/A
Wavelength Type	N/A	1310nm, 1550nm, 1650nm

GAC : Goldtel's Field-Installable Attenuated Connector

GBC : Goldtel's Field-Installable FBG Filtered Connector



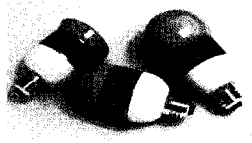
www.nanopack.com

(주)나노팩 Nano Packaging Technologie, Inc(광주 / Gwangju)

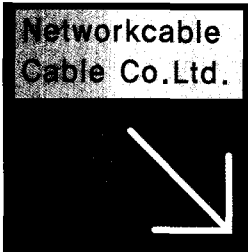
대표 : 이운호 CEO : Woon-Ho Lee

제품명 : LED램프 (LED Lamp)

Specifications



Model	AI-CL8-CP	AI-CL8-WP
Light source	CREE	CREE
Input Voltage	85~265 V AC(47~63 Hz)	85~265 V AC(47~63 Hz)
Power Consumption	8 W	8 W
Power Factor	>0.9	>0.9
Luminous Flux	400 ml	400 ml
luminous Efficiency	50 ml/W	50 ml/W
Color Temperature	6500 K	3000 K
Color Index(CRI)	Ra>75	Ra>80
Luminescence Angle	120°	120°
Operation Temperature	-30°C ~ 50°C	-30°C ~ 50°C
Weight	200g	200 g
Life Time	50,000 Hr	50,000 Hr
Base Type	EL 26/27	EL 26/27
Dimensions	60(φ)×100(H)	60(φ)×100(H)



www.networkcable.co.kr

네트워크케이블(주) Networkcable Cable Co.Ltd.(경기 / Gyeonggi)

대표 : 김희중 CEO : Simon Kim

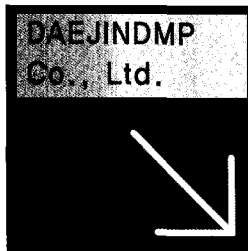
제품명 : Fiber Array

Product Features

- Low insertion loss, Low PDL
- High precision of fiber channel position
- High quality flat or angle polishing
- Accurate fiber position
- Custom design available

Specifications

Parameter	Unit	Value					
		1	4	8	16	32	64
Numbers of Channels		1	4	8	16	32	64
Spacing for Fiber to Fiber	μm	N/A	240	127 or 250			
Position Uniformity of Fiber Core	μm	x, y < 0.5					
Silicon Fiber Array	V-groove thickness	μm		1.0			
	Cover-Lid thickness	μm		1.5			
Glass Fiber Array	V-groove thickness	μm		1.5			
	Cover-Lid thickness	μm		1.0			
Polishing Angle	°	0±0.3 or 8±0.3					
Operating Temperature	°C	-40 ~ +85					



www.daejindmp.com

(주)대진디엠피 Dae Jin DMP Co.,Ltd (충남 / Chungnam)

대표 : 박창식 CEO : Chang-Sik Park

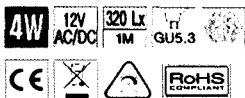
제품명 : Replacement of Halogen lamp MR16 20~35W / 4W / GU5.3

Dimensions

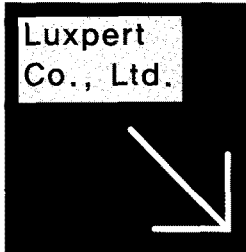


Specifications

Model name	1605TL
Base	GU 5.3
Rated Input Voltage	12V AC/DC
Power Consumption	4W
Color Range	CW(Cool White), WW(Warm White)
Beam Angle	40°
Operating Temperature	-20°C ~ 40°C
Rated Life	>40,000 h (Ta=20°C, Open fixture)
Housing	Aluminium
Source	Cree Chip
Dimming feature	No
Applications	Down Lighting, Spot Lighting, Showcase



Best Products of Member Companies



www.luxpert.com

(주)럭스퍼트 Luxpert Co., Ltd.(광주 / Gwangju)

대표 : 변재오 CEO : Jae-Oh Byun

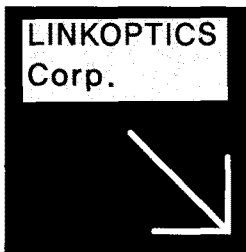
제품명 : DWDM

Product Features

- Various Type : Bench-top(Instrument)/Rack-mountable/Module
- High Saturation Output Power : Up to 19dBm
- Excellent Gain Flatness
- DWDM: Up to 2.5Gbps per channel
- Inline/Pre-amplifier or booster amplification
- Wavelength Range : C band

Specifications(Optical)

	LXI-2000	LXR-3000	LXM-2000
Type	Bench-top(Instrument)	Rack-mounted(19" 1U)	Module
Application	DWDM (≤2.5Gbps/channel)		
Wavelength (nm)	1529~1562		
Channel Number	1~40		
Input Power	-20dBm/ch		
Total Output Power (dBm)	19		
Noise Figure (dB)	< 5.5		
Gain (dB)	23		
PDG (dB)	< 0.5		
PMD (ps)	< 0.5		
Input Threshold	-30dBm		
Optical ports	Input/Output	Input/Output	Input/Output/Monitor
Optical connector	FC/PC or FC/APC	SC/PC or SC/APC	TBD
Compatible Fiber	SMF		



www.linkoptics.com

(주)링크옵틱스 Link Optics Corp. (광주 / Gwangju)

대표 : 최응원 CEO : Yong-Won Choi

제품명 : Optical Terminal Box (Model : FDP-DRM/SPM)

제품특징

- PON장비에 사용가능
- 최대 32C까지 다코어 수용 (Up link 16C / Down link 16C)
- 장비내 공기순환을 위한 천공식 구조
- 대각선형 광어댑터 배열로 손쉬워진 집파실장
- DRM : Dual Round Module, SPM : Splitter Module

Product Features

- Available to be used on PON equipment
- High capacity up to 32F in a single unit (up link 16F & down link 16F)
- Perforated panels for ventilation of equipment
- Easy jumper connection with angled adapter arrangement
- SPM : Splitter Module

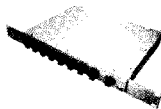
Specifications

Item	LOC-DRM-16/32C	LOC-SPM-16/32C
Size(mm)	483 X 310 X 44	483 X 250(300) X 44
Splicing Capacity	Up link 16C, Down link 16C	16F/32C
Adaptor	SC	SC
Color	Beige	Beige
Material	AL, SPCC	AL, SPCC
Mounting Rack	19" / 21" Cabinet Rack	19" / 21" Cabinet Rack

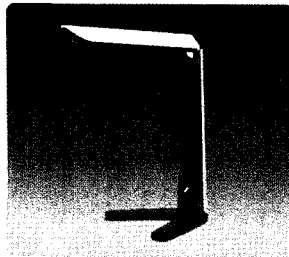
FDP - DRM / SPM



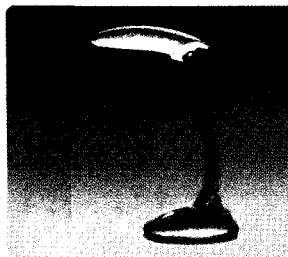
LOC-DRM - DRM-16/32C



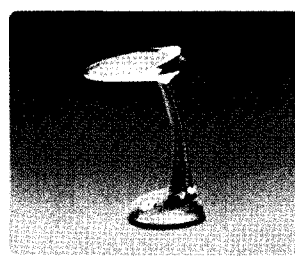
LOC-FDP - SPM-16/32C



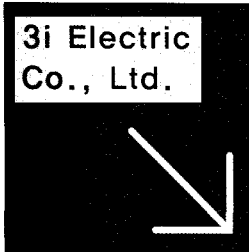
MODEL : LS-1100
COLOR : Yellow, Red, Silver / 소비전력 : 8W



MODEL : LS-1200
COLOR : Red, Blue, Silver / 소비전력 : 8W



MODEL : LS-1300
COLOR : Blue, Green, Orange / 소비전력 : 8W



www.threei.net

쓰리아이전기(주) 3i Electric Co., Ltd.(서울 / Seoul)

대표 : 이점식 CEO : Jeom-Sik Lee

제품명 : LED스탠드 (LED desk lamp)

제품특징

- 반도체 LED기술로 전기절감효과
- 인간의 심리적요소를 고려한 색온도 및 웰빙조명 구현
- 충격에 강하며 수명이 거의 반영구적임
- 사용환경에 따라 밝기조절 가능
- LED전용 눈부심 방지패널 채용
- 자외선이 방출되지 않아서 친건강, 친환경 웰빙스탠드
- 저전압 직류구동으로 전자파 방출이 없는 우수한 안전성
- 세련된 디자인과 자유로운 각도 조절가능

Product Features

- Saves electricity with semiconductor LED technology
- Realizes color temperature and well-being lighting with consideration of human psychology
- Strong for physical impact: semipermanent lifetime
- Brightness adjustment depending on the setting
- Anti-glare panel exclusively for LED
- Healthy, eco-friendly well-being desk lamp without ultraviolet ray emission
- Safe without electromagnetic wave possible by low voltage DC power drive
- Sophisticated design and flexible angle adjustment

3i LED 스탠드와 3파장 스탠드 비교 (Comparison between 3i LED and 3-wavelength desk lamps)

Category	3i LED desk lamp	3-wavelength desk lamp
수명 (Lifetime)	75,000시간 이상 (Over 75,000 hr.)	최고 8,000시간 (Up to 8,000 hr.)
전력소모 (Power consumption)	6.4 Kwh/month (1/4 level) based on 1300 Luminance Intensity	24 Kwh/month
자연광연색지수(CRI) Color Rendering Index(CRI) of natural lighting	92 CRI (3200K)	70 CRI
유해전자파 발생정도 Harmful electromagnetic waves	3mG 이하 (Less than 3mG)	30mG 이상 (Over 30mG)
유해성 (Harmfulness)	유해물질 사용없이 친환경적 (Eco-friendly without use of any harmful substances)	수은, 할로겐 등 유해물질 포함 (Contains mercury, halogen, and other harmful substances)



www.iseo.co.kr

(주)세오전자 Seo Electronics Co.,Ltd.(광주 / Gwangju)

대표 : 곽재영 CEO : Jae-Young Gwak

제품명 : LED교통신호등 (LED traffic light)

제품특징

- 저전력, 긴수명 등으로 인해 유지 보수비용 절감 (90%이상 절감)
- 반영구적인 수명 : 기존의 백열전구위 25배에 달하는 약 100,000시간정도의 수명
- 에너지 절약 : 기존 할로겐전구 신호등 대비 램프당 10watt 미만 (개당 40,000원 절약)
- 유지보수비 절약
- 시인성 우수 : 팬텀현상(Phantom Effect) 방지

Product Features

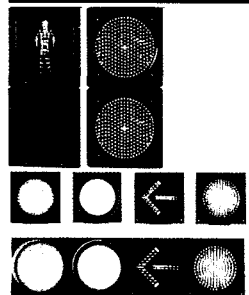
- Saves maintenance cost for less power consumption and longer lifetime (saves more than 90%)
- Semipermanent lifetime : About 100,000-hour lifetime which is nearly 25 times that of an existing incandescent bulb
- Saves energy : Less than 10 Watt per lamp compared to that of existing halogen bulb traffic light (saves W40,000 per unit)
- Saves maintenance cost
- High visibility : Prevents phantom effect

시스템 사양

- 소비전력 10W미만
- 역률 0.9이상
- 총 고조파 함유율 40%이하

System Specifications

- Power consumption less than 10W
- Power factor over 0.9
- Total content rate harmonics less than 40%



Best Products of Member Companies



<http://wisdomsemi.com>

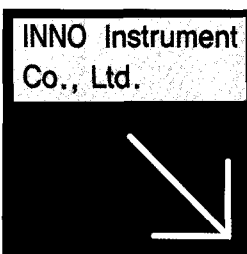
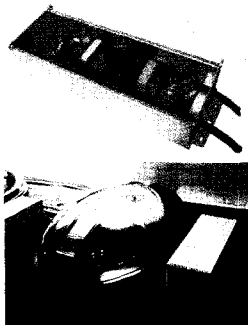
위즈덤세미컨덕터(주) Wisdom Semiconductor Inc.(경기 / Gyeonggi)

대표 : 문 중 CEO : Jong Moon

제품명 : LED SMPS

Product Features

Input Condition				
Input voltage	AC 90V ~ 264 V			
Input Frequency	50 ~ 60 Hz			
Output Condition				
Output voltage(V)	Tolerance (%)	Output Current(A)		
24	±5	Min	Type	Max
		0.5	5.2	6.5
Output Wattage	150W			
Power Factor	over 0.95			
Efficient	over 90%			
Ripple & Noise	2% MAX			
Dimension(L×W×H)	250×90×60(mm)			
Additional Function				
1. Universal Communication(DMX512, 485, IR, TCP/IP, Zero-Ten, RF, Bluetooth) : Natural Dimming				
2. Microprocessor Control - Mood light, Multi-purpose Light				



www.innoinstrument.com

(주)이노인스트루먼트(경기) INNO Instrument Co., Ltd.(경기 / Gyeonggi)

대표 : 조 봉 일 CEO : Bong-Il Cho

제품명 : Handheld Optical Power Meter

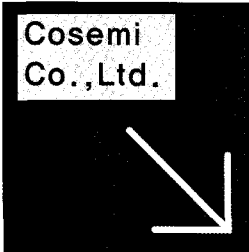
Product Features

- User automatic self calibration function
- Backlight on-off optional function
- Large LCD display
- To display optical power in mw, dB and dBm
- High display resolution
- Absolute and relative power measurement
- Quick response, without warm-up
- Damp, dust and water proof design, pleasant package
- Low battery consumption, more than 240 hours continual operation time for three 1.5V batteries
- 10 minutes Auto-off function can be optional

Specifications

- Wavelength (nm): 800~1650
- Detector: InGaAs
- Measurement Range (dBm): -50~26
- Uncertainty: ±5%
- Calibrated Wavelength (nm): 850, 980, 1310, 1550nm
- Resolution (dB): Linear 0.1% or Non-linear 0.01 dBm
- Optical Connector: FC/Universal 2.5mm adaptor (FC, SC, ST interchangeable connector can be optional)
- Power Supply: Alkaline Battery (1 piece 9V battery)
- Battery Operating Time: 28 hours (Rechargeable battery)
- Operating Temperature: -10~+60°C
- Storage Temperature: -25~+70°C
- Relative Humidity: 0~95% (non-condensing)
- Dimension (mm): 150×74×25
- Weight: 250g



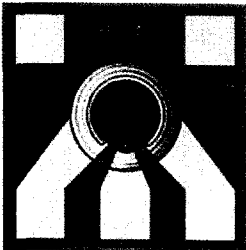


www.cosemi.com

코세미(주) Cosemi Co.,Ltd.(광주 / Gwangju)
 대표 : 전선욱 CEO : Sun-Wook Jeon
 제품명 : InGaAs Photodiodes

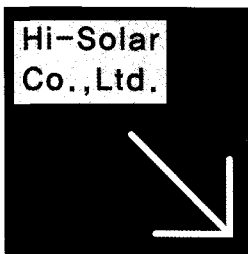
Cosemi's long wavelength(1310-1550nm), InGaAs photodiode portfolio are well suited for high speed applications above 10Gbps. Common applications are 10G ROSA, 10G SFP+, 10G LRM, and QSFP cables. All products are Telcordia-qualified and guaranteed by Cosemi's proprietary SureOptical quality process. Our products have been tested with most leading TIA vendors and are in production with many leading 10G TOSA and 10G ROSA manufacturers.

Model : LX3051



Product Features

Array	1x1
Wavelength (nm)	1550-1310
Speed (Gbps)	1 - 3,125
Material	InGaAs/InP
Diameter (um)	80
Vdd (v)	2-5



<http://hi-solar.koreasme.com>

(주)하이솔라 Hi-Solar Co.,Ltd. (광주 / Gwangju)
 대표 : 안춘호 CEO : Chun-Ho An
 제품명 : 4inch Wafer

Specifications

Property	Specification
Surface Orientation	C-plane(0001)
M-axis Tilt Angle	0±0.1deg, 0.2 or 0.3 ±0.05deg
Diameter	100.0 ±0.1mm
Thickness	430 to 750 ±25um
BOW	≤10um
TTV	≤10um
Roughness(Ra)	≤0.3nm
Orientation Flat	A-plane(11-20) ±0.3deg
Flat Length	32.5mm ±0.8mm
Front Surface Finish	epi-ready
Back Surface Finish	as-lapped(SSP) or epi-readyy(DSP)

