

# DL4 DURAPLEX OMNIDIRECTIONAL WATERPROOF LAVALIER MICROPHONE

## SPECIFICATIONS

(SUBJECT TO CHANGE)

Microphone Capsule	MEMS
Polar Pattern	Omnidirectional
Frequency Response	20 Hz to 20 kHz
Sensitivity	-42.5 dBV (7.5 mV <sub>RMS</sub> ) @ 1 kHz
Self-Noise	31 dB SPL-A <i>A-weighted, Equivalent Acoustical</i>
Signal-to-Noise Ratio	63 dB
Maximum SPL	132.0 dB SPL <i>1 kHz @ 1% THD, typical</i>
Dynamic Range	101.0 dB <i>Typical</i>
Microphone Current Draw	220 µA, maximum
Bias Voltage <i>Recommended Operating Voltage</i>	5 VDC
Housing	Molded ABS
Polarity	MTQG: Positive Pressure on diaphragm produces positive voltage on Pin 3 with respect to Pin 1 LEMO: Positive pressure on diaphragm produces positive voltage on Pin 3 with respect to Pin 1
Cable Diameter	1.6 mm
Cable Length	66.0 in (1.67 m)
Net Weight	15.0 g (0.53 oz)
Capsule Dimensions <i>(L × D)</i>	14.5 mm × 5.2 mm

## AVAILABLE MODELS

DL4B/O-LM3-A	DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Black)
DL4B/O-MTQG-A	DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Black)
DL4C/O-LM3-A	DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Cocoa)
DL4C/O-MTQG-A	DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Cocoa)
DL4T/O-LM3-A	DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (Tan)
DL4T/O-MTQG-A	DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (Tan)
DL4W/O-LM3-A	DuraPlex Omnidirectional Lavalier Mic, LEMO Connector (White)
DL4W/O-MTQG-A	DuraPlex Omnidirectional Lavalier Mic, MTQG Connector (White)

## OVERVIEW

Available in lavalier or headset form, DuraPlex has been extensively tested to ensure an IP57 dust-resistant, waterproof rating. Whether shooting reality TV, mounting a professional theatrical tour, or wherever audio takes you, contending with the elements won't slow you down. As comfortable on the beach as it is in a broadcast studio, DuraPlex features a neutral, full sound quality that lives up to the highest audio standards.

The advanced 1.6 mm Shure Plex cable, first introduced with the award-winning TwinPlex subminiature microphone, lasts longer than competing cables due to a dual redundant ground which doubles as a secondary shield. It also offers virtually zero "memory effect," won't kink, and is fully paintable.

## FEATURES

- 5 mm omnidirectional subminiature design for discrete placement and improved gain-before-feedback
- IP57 dust-resistant, waterproof rated
- Neutral, full sound quality for film, broadcast, speech, theater, and performance applications
- Advanced 1.6 mm Shure Plex cable:
  - Dual redundant ground in cable serves as secondary shield for unprecedented longevity
  - Immune to memory effect and kinks
  - Fully paintable with typical theater paints, pens, and polishes
- Presence Cap included for tailored frequency response provides additional vocal clarity and presence (3-4 dB boost near 10 kHz)
- Available in four colors: Black, Cocoa, Tan, White
- Available in two connector types: TA4F (mTQG) and LEMO
- Kit includes the following accessories: Case, Foam Windscreen, Snap-fit Windscreen, Single Tie Clip, Sticky Mount, TQG Locking Collar (mTQG/TA4F SKUs only)



**DL4B**  
DuraPlex Omnidirectional Waterproof  
Lavalier Microphone (Black)

# DL4 DURAPLEX OMNIDIRECTIONAL WATERPROOF LAVALIER MICROPHONE

## FURNISHED ACCESSORIES

Single Tie Clip

Presence Cap

Snap-Fit Windscreen

Foam Windscreen

Sticky Mount

Case

Threaded TA4F Adapter  
(MTQG SKUs Only)

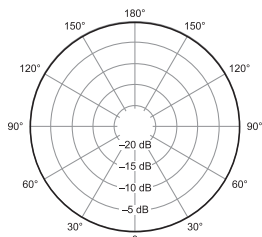


Lavalier Accessory Kit  
For MTQG SKUs (shown in black)

## REPLACEMENT ACCESSORIES

RPMDL4WS/B	Foam Windscreens, Black, Qty. 5	RPMDL4STC/T	Single Tie Clip, Tan, Qty. 3	RPMDL4SM	Sticky Mount, Qty. 3
RPMDL4WS/C	Foam Windscreens, Cocoa, Qty. 5	RPMDL4STC/W	Single Tie Clip, White, Qty. 3	RPM40TS	Sticky Mount Adhesives (15 Pieces)
RPMDL4WS/T	Foam Windscreens, Tan, Qty. 5	RPMDL4DTC/B	Dual Tie Clip, Black, Qty. 3	RPM40TS/50	Sticky Mount Adhesives (50 Pieces)
RPMDL4WS/W	Foam Windscreens, White, Qty. 5	RPMDL4DTC/C	Dual Tie Clip, Cocoa, Qty. 3	RPM400TQG	TA4F-XLR Preamp
RPMDL4SFWS/B	Snap-Fit Windscreens, Black, Qty. 3	RPMDL4DTC/T	Dual Tie Clip, Tan, Qty. 3	RPMDL400LEMO	LEMO3-XLR Preamp
RPMDL4SFWS/C	Snap-Fit Windscreens, Cocoa, Qty. 3	RPMDL4DTC/W	Dual Tie Clip, White, Qty. 3	RPMDL4CASE	Zippered lavalier carrying pouch
RPMDL4SFWS/T	Snap-Fit Windscreens, Tan, Qty. 3	RPMDL4FC/B	Frequency Cap, Black, Qty. 5		
RPMDL4SFWS/W	Snap-Fit Windscreens, White, Qty. 3	RPMDL4FC/C	Frequency Cap, Cocoa, Qty. 5		
RPMDL4STC/B	Single Tie Clip, Black, Qty. 3	RPMDL4FC/T	Frequency Cap, Tan, Qty. 5		
RPMDL4STC/C	Single Tie Clip, Cocoa, Qty. 3	RPMDL4FC/W	Frequency Cap, White, Qty. 5		

### POLAR PATTERN



### FREQUENCY RESPONSE

